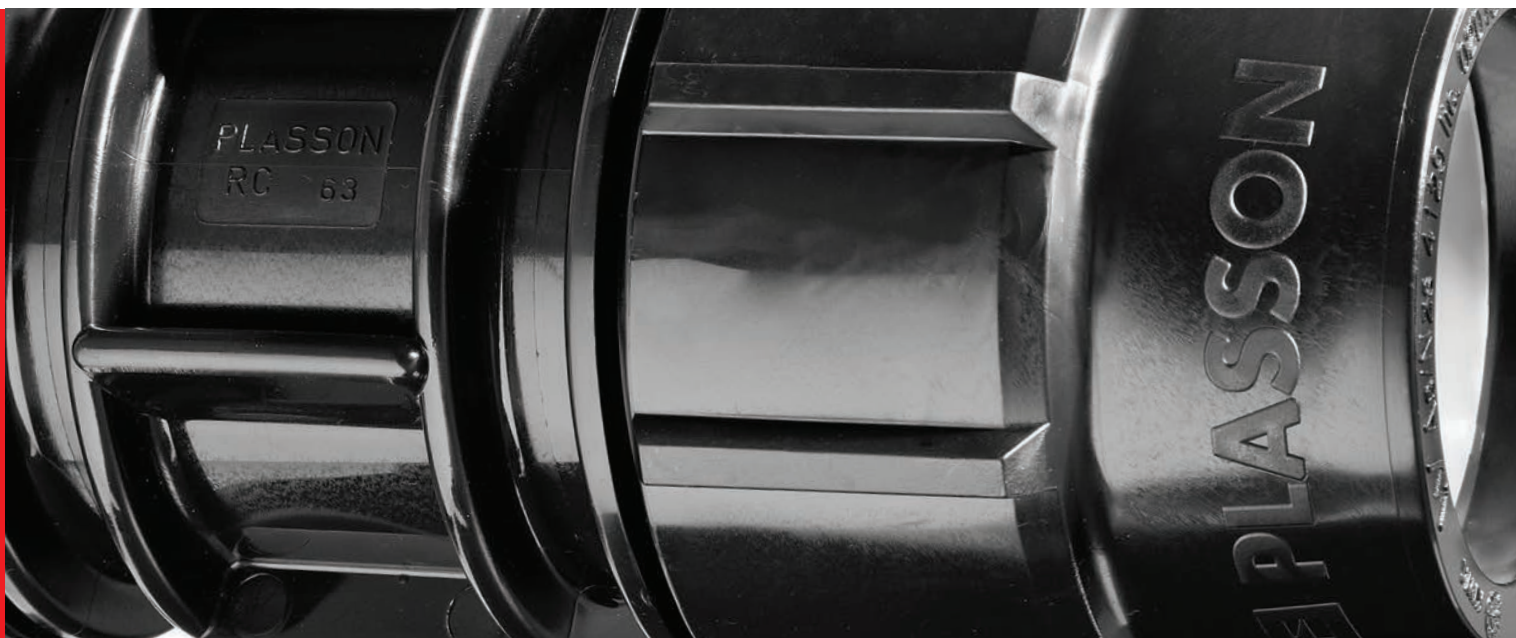


 **PLASSON**<sup>®</sup> CATALOG 2016



**MECHANICAL FITTINGS**

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Plasson's innovative products revolutionized the way of connecting polyethylene pipes in the 1960's. We started with fittings for agricultural irrigation and later developed solutions for urban water distribution.

Nowadays, water delivery systems in many of the world's great cities owe their excellence to Plasson's innovative research and development.

Plasson ensures superior designs and products, the widest range of fittings and adaptors and a genuine commitment to quality, delivery and service.

Plasson continues to strive for the future environment. By using Plasson products, you help us to invest in our vision of a world where clean, pure water will be everyone's birthright.

En los años sesenta Plasson revolucionó la forma de conectar tubos de polietileno. En el principio fueron conectores para uso agrícola a partir de los cuales se desarrollaron, más tarde, productos para distribución de agua en sistemas municipales.

Hoy en día, algunas de las más grandes ciudades del mundo, deben la excelencia de sus sistemas de suministro de aguas a la investigación y desarrollo de Plasson.

Plasson no ha ahorrado esfuerzos para desarrollar, mediante excelente diseño, empleando los mejores materiales y con un total compromiso de calidad y servicio, la más amplia línea de conectores y adaptadores.

Nuestro compromiso con el medio ambiente es permanente. Comprando productos Plasson, usted está ayudándonos a seguir invirtiendo en nuestra visión de un mundo donde agua limpia y pura es un derecho natural de todos.












## Table of Contents













Compression Fittings for PE pipe	9 - 25
Conversion & Adaptor Sets from PE to Copper / UPVC / PP / Lead / Galvanised Pipe	26 - 31
Pipe Conversion Chart	32
Accessories for Compression Fittings	33 - 36
Fittings for 160mm PE Pipe	37 - 39
Saddles	40 - 44
BSP Threaded Fittings	45 - 49
Valves	50 - 58
Technical Specifications	60 - 63
Installation Instructions for Compression Fittings	64 - 65
Installation Instructions for Pipe Adaptors Conversion Sets	66 - 68
Installation Instructions for Plass4 and Copper Pipe Adaptor (Universal Adaptor)	69

Accesorios de presión para tubos de PE	9 - 25
Juegos de conversión y adaptadores de PE a Cobre / PVC rígido/ PP / Plomo / Tubos galvanizados	26 - 31
Gráfico de conversiones para tuberías	32
Recambios y Accesorios	33 - 36
Accesorios para tuberías de PE 160mm	37 - 39
Collarines	40 - 44
Accesorios roscados (BSP)	45 - 49
Válvulas	50 - 58
Detalles técnicos	60 - 63
Instrucciones de montaje (para accesorios de presión)	64 - 65
Instrucciones de montaje (para adaptadores de tubos) Juegos de conversión	66 - 68
Instrucciones de montaje de Plass4 & tubo de cobre y adaptador Universal	69

# Table of Contents

## Compression Fittings

<b>07010</b> Coupling Enlace recto		<b>Page 9</b>
<b>07610</b> Repair Coupling Enlace recto de reparación		<b>Page 9</b>
<b>07110</b> Reducing Coupling Enlace Recto Reductor		<b>Page 10</b>
<b>07020</b> Male Adaptor Enlace mixto rosca macho		<b>Page 11</b>
<b>07720</b> Male Integral Brass Thread Enlace mixto rosca macho de latón		<b>Page 12</b>
<b>07030</b> Female Adaptor Enlace mixto rosca hembra		<b>Page 12</b>
<b>0703GO</b> Female Adaptor G Enlace mixto rosca hembra G		<b>Page 13</b>
<b>07320</b> Shouldered Adaptor Adaptador minero		<b>Page 13</b>
<b>07120</b> End Plug Tapón final		<b>Page 13</b>
<b>07050</b> 90° Elbow Codo de 90°		<b>Page 14</b>
<b>07510</b> 90° Reducing Elbow Codo de 90° reductor		<b>Page 14</b>

<b>07850</b> 90° Elbow with Threaded Male Offtake Codo de 90° compresión rosca macho		<b>Page 15</b>
<b>07770</b> 90° Elbow with Male Integral Brass Codo de 90° con macho integral de latón		<b>Page 15</b>
<b>07150</b> 90° Elbow with Threaded Female Offtake Codo de 90° compresión rosca hembra		<b>Page 16</b>
<b>07060</b> 45° Elbow Codo de 45°		<b>Page 16</b>
<b>07450</b> 45° Elbow with Threaded Male Offtake Codo de 45° compresión rosca macho		<b>Page 17</b>
<b>07350</b> 90° Elbow Adaptor Codo espiga		<b>Page 17</b>
<b>07750</b> Wall Plate Elbow Codo de aplicación mural		<b>Page 17</b>
<b>07040</b> 90° Tee Te de 90°		<b>Page 18</b>
<b>0704PO</b> 90° Slip Tee Te de 90° de reparación		<b>Page 18</b>
<b>07740</b> 90° Enlarging Tee Te de 90° alargado		<b>Page 18</b>
<b>07340</b> 90° Reducing Tee Te de 90° reductor		<b>Page 19</b>
<b>07840</b> 90° Tee with Threaded Male Offtake Te de 90° compresión rosca macho		<b>Page 19</b>

# Table of Contents

## 0714S0 Page 20

90° Reducing Tee with Threaded Female Offtake  
Te de 90° reducción compresión rosca hembra



## 07540 Page 25

Cross with Threaded Female Offtake  
Cruz compresión rosca hembra



## 07140 / 0714P0 Page 20-21

90° Tee with Threaded Female Offtake/Slip Tee  
Te de 90° compresión rosca hembra/Te de reparación



## 07810 Page 21

Coupling with Riser  
Enlace recto con derivación rosca macho



## 07640 Page 21

45° Tee  
Te de 45°



## 07220 Page 22

Compression Flange Adaptor (with metal flange)  
Adaptador compresión-brida (con brida de metal)



## 072306 Page 22

Flange Adaptor (with metal flange)  
Adaptador espiga-brida (con brida de metal)



## 07006 Page 23

Metal Flange  
Brida de metal



## 07250 Page 23

Threaded Adaptor  
Adaptador compresión rosca macho



## 07270 Page 24

Brass Threaded Adaptor  
Adaptador rosca de latón



## 070170 Page 24

Plass4 (Universal) Coupling  
Plass4 Enlace universal



## 070570 Page 24

Plass4 (Universal) Elbow  
Codo universal - Plass4



## 07550 Page 25

Y-fitting with Threaded Male Offtake  
Y compresión rosca macho



## Conversion & Adaptor Sets

## 071209 Page 26

Plug Adaptor  
Tapón ciego



## 07950 Page 26

Pipe Liner for PE SDR 11 Pipe  
Refuerzo de tubos



## 07896 Page 26

Adaptor for Copper and Imperial UPVC  
Adaptador universal para tubos de cobre y UPVC imperial



## 07930 Page 27

Reducing Set  
Juego reductor



## 07940 Page 27

Modular Adaptor  
Adaptador modular



## 0701C6 Page 28

Copper Pipe Adaptor  
Adaptador tubo de cobre



## 0711B0 / 0701B0 Page 28

PB Pipe Adaptor  
Adaptador Para Tubo de Plomo



## 07970 Page 28

Grip Ring for UPVC and PP Pipe  
Casquillo de apriete para tubos de UPVC y PP



## 074380 Page 29

Conversion Set for Copper Pipe  
Juego adaptador para tubos de cobre



## 077802 Page 30

Conversion Set for Lead Pipe  
Juego adaptador para tubos de plomo



# Table of Contents

**078908** Page 30

Converter Rubber Adaptor for Galvanised Pipe  
 Conversor Adaptador de goma para tubos de acero galvanizado



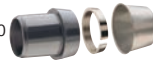
**072206** Page 38

Compression Flange Adaptor (with metal flange)  
 Adaptador compresión-brida (con brida de metal)



**078907** Page 31

Conversion Set Adaptor for Galvanised Pipe  
 Juego conversor de compresion para tubos de acero galvanizado



**072306** Page 38

Flange Adaptor (with metal flange)  
 Adaptador brida-espiga (con brida de metal)



## Accessories for Compression Fittings

**07004** Page 33

Nut  
 Racor



**073206** Page 39

Shouldered Adaptor  
 Adaptador minero



**07002** Page 33-34

O - Ring / Seal  
 Junta tórica / sello



**17006** Page 39

Metal Flange  
 Brida Meta'lica



## Threaded and Compression Outlet Saddles

**07003** Page 35

Split Ring  
 Casquillo de apriete



**16076/16086/16279/16079** Page 40

Saddle Single Outlet  
 Collarín simple



**07005** Page 36

Insert  
 Inserto de PP



**16176/16186/16179** Page 41

Saddle Double Outlet  
 Collarín doble



**18960** Page 36

Chamfer Tool for PE Pipes  
 Herramienta para biselar



**16005/16007** Page 42/44

Plated Nut & Bolt for Saddles  
 Tornillo y tuerca de acero niquelado para collarin



**07990** Page 36

Plasson Wrench  
 Llave Plasson



## Tapping Saddles & Valves

## Fittings for 160mm Pipes

**18680** Page 43

Mechanical Tapping Valve  
 Valvula Mecanica con salida rotatoria Tapper®



**070106** Page 37

Coupling / Repair Coupling  
 Enlace recto / Enlace recto de reparación



**16540** Page 43

Tapper® - for PVC & PE Pipes  
 Collarín con salida rotatoria Tapper® para tubos de PVC y de PE



**070406** Page 37

90° Tee  
 Te de 90°



**165400012** Page 44

Tapper® Brass Cutter for PE & PVC Pipe  
 Cortatubo para tubos de PE y de PVC



**070506** Page 38

90° Elbow  
 Codo de 90°



**16532** Page 44

Saddle Seal for Tapper® (EPDM)  
 Sello de collarín Tapper® (EPDM)



# Table of Contents

## BSP Threaded Fittings

**050107**

Threaded Socket  
Manguito rosca hembra x hembra



Page 45

**050207**

Threaded Reducing Bushing  
Manguito reductor hembra x macho



Page 45

**050407**

90° Threaded Tee  
Te de 90° rosca hembra



Page 46

**050507**

90° Threaded Elbow  
Codo de 90° rosca hembra



Page 46

**051507**

90° Threaded Elbow Male x Female  
Codo roscado-macho x hembra



Page 47

**050605**

Threaded Reducing Nipple  
Machón doble reductor



Page 47

**050607**

Threaded Nipple  
Machón doble



Page 48

**050707**

Threaded Cap  
Tapón rosca hembra



Page 48

**051107**

Threaded Reducing Socket  
Manguito reductor rosca hembra - hembra



Page 48

**051607**

Threaded Riser  
Espiga roscada



Page 49

**051707**

Threaded Plug  
Tapón rosca macho



Page 49

## Valves

**03405**

Threaded Stoptap  
Válvula de línea rosca hembra



Page 50

**03406**

Compression Stoptap  
Válvula de línea compresión



Page 50

**03048**

Angle Seat Valve Threaded x Compression  
Válvula de asiento angular - compresión - rosca



Page 50

**03047**

Angle Seat Valve (seal NBR), Threaded Inlet & Outlet  
Válvula de asiento angular (sello NBR), roscas macho



Page 51

**03049**

Angle Seat Valve (seal FPM), Threaded Inlet & Outlet  
Válvula de asiento angular (sello FPM), roscas macho



Page 51

**03046**

Angle Seat Valve Compression Inlet & Outlet  
Válvula de asiento angular compresión



Page 51

**03703**

Ball Valve  
Válvula esférica



Page 52

**03067**

Check Valve (seal EPDM), Threaded Inlet & Outlet  
Válvula antirretorno (Juntas EPDM), roscas macho



Page 53

**03039**

Quick Coupling Valve  
Válvula de acople rápido



Page 53

**03139**

Key for Quick Coupling Valve 3039  
Conexión de acople rápido



Page 53

**03226**

Check Valve Insert  
Válvula de control



Page 54

# Table of Contents

<b>03227</b> Check Valve Insert Valvula de control		<b>Page 54</b>
--	---	----------------

<b>03012</b> Male Threaded X Female Threaded Rosca Macho-/Rosca Hembra		<b>Page 56</b>
--	---	----------------

<b>3589</b> BSPT Record for Water Meter Tubo y tuerca BSPT		<b>Page 54</b>
--	---	----------------

<b>03013</b> Flex Hose X Female Threaded Mangera Flexible/Rosca Hembra		<b>Page 57</b>
--	---	----------------

<b>03510</b> Water Meter Manifold Soporte para control de flujo de agua		<b>Page 55</b>
---	---	----------------


<b>03016</b> Barbed X Female Threaded Afilado Roscado-Rosca Hembra		<b>Page 57</b>
--	---	----------------


## Quarter Turn Valves

<b>03010</b> Male Threaded X Compression Rosca Macho-/Compresion		<b>Page 56</b>
--	---	----------------

<b>03017</b> Compression X Compression Compresion		<b>Page 57</b>
---	---	----------------

<b>03011</b> Female Threaded X Compression Rosca Hembra-/ Compresion		<b>Page 56</b>
--	---	----------------

<b>03019</b> Garden Hose Male Thread X Female Threaded Rosca Macho Mangera de Jardin/Rosca Hembra		<b>Page 58</b>
---	---	----------------

<b>03020</b> Male Threaded X Barbed Rosca Macho-Afilado Roscado		<b>Page 58</b>
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RUSSIA

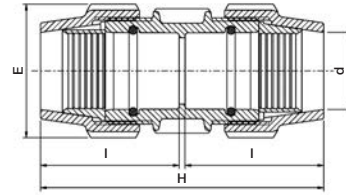


RUSSIA



## Coupling Enlace recto

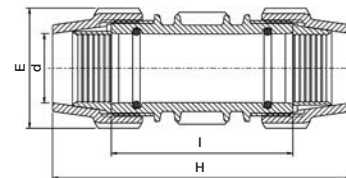
07010



Size d x d	E	H	I	UB	UC	W
16 x 16	39	105	50	10	400	52
20 x 20	48	122	59	10	200	93
25 x 25	54	126	61	10	180	110
32 x 32	64	145	71	5	100	187
40 x 40	82	177	87	—	75	310
50 x 50	96	201	98	—	45	455
63 x 63	113	230	113	—	30	741
75 x 75	132	289	143	—	16	1246
90 x 90	152	334	164	—	9	1893
110 x 110	181	398	196	—	5	3321
125 x 125	212	460	225	—	3	5347

## Repair Coupling Enlace recto de reparación

07610

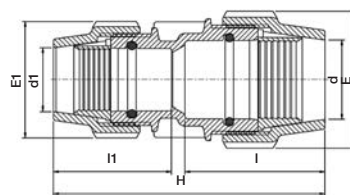


Size d x d	E	H	I	UB	UC	W
20 x 20	48	122	78	10	240	141
25 x 25	54	136	90	10	150	119
32 x 32	64	174	120	5	80	202
40 x 40	82	215	148	—	55	360
50 x 50	96	244	158	—	30	534
63 x 63	113	270	170	—	24	826
75 x 75	132	289	143	—	16	1205
90 x 90	152	334	164	—	9	1938
110 x 110	181	398	196	—	5	3250
125 x 125	212	460	265	—	3	5318

# Compression Fittings

## Reducing Coupling Enlace Recto Reductor

07110

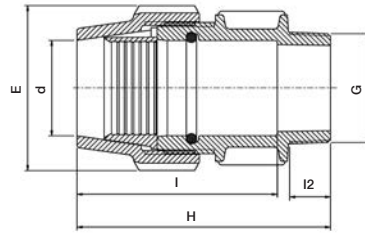


Size d x d1	E	E1	H	I	I1	UB	UC	W
20 x 16	48	39	111	57	50	10	300	74
25 x 16	54	39	113	58	50	10	220	88
25 x 20	54	48	119	58	57	10	200	100
32 x 20	64	48	140	67	57	5	150	142
32 x 25	64	54	133	67	58	5	120	143
40 x 25	82	54	156	84	58	—	90	213
40 x 32	82	64	156	84	67	—	90	244
50 x 25	96	54	176	93	58	—	70	304
50 x 32	96	64	175	98	62	—	70	341
50 x 40	96	82	184	93	84	—	60	380
63 x 25	113	54	193	110	58	—	50	461
63 x 32	113	64	197	110	62	—	45	486
63 x 40	113	82	208	110	82	—	40	546
63 x 50	113	96	214	110	93	—	36	586
75 x 50	132	96	250	137	98	—	22	915
75 x 63	132	113	257	137	112	—	18	960
90 x 63	152	113	291	169	115	—	12	1393
90 x 75	152	132	316	169	139	—	10	1659
110 x 90	181	152	380	196	161	—	6	2715

## Male Adaptor

07020

Enlace mixto rosca macho

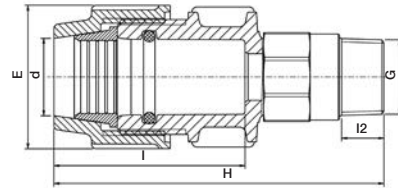


Size d x G	E	H	I	I2	UB	UC	W
16 x 3/8"	39	76	59	13	10	600	33
16 x 1/2"	39	79	59	16	10	500	34
16 x 3/4"	39	79	59	17	10	500	35
20 x 1/2"	48	92	71	17	10	350	58
20 x 3/4"	48	92	71	18	10	350	59
20 x 1"	48	86	52	20	10	350	60
25 x 1/2"	54	94	72	17	10	250	68
25 x 3/4"	54	95	72	18	10	250	76
25 x 1"	54	97	72	20	10	250	79
32 x 3/4"	64	106	83	18	5	150	113
32 x 1"	64	107	83	20	5	150	122
32 x 1 1/4"	64	110	83	22	5	150	114
32 x 1 1/2"	64	110	83	22	5	140	127
40 x 1"	82	118	91	20	—	110	184
40 x 1 1/4"	82	117	90	22	—	110	185
40 x 1 1/2"	82	117	90	22	—	100	184
40 x 2"	82	123	91	26	—	100	208
50 x 1"	96	133	106	20	—	70	264
50 x 1 1/4"	96	136	106	22	—	70	264
50 x 1 1/2"	96	136	109	22	—	70	275
50 x 2"	96	140	109	26	—	65	282
63 x 1 1/4"	113	154	123	22	—	48	443
63 x 1 1/4"	113	154	123	22	—	48	451
63 x 2"	113	167	123	26	—	48	461
63 x 2 1/2"	113	160	123	29	—	45	459
75 x 2"	132	189	156	26	—	28	737
75 x 2 1/2"	132	192	156	29	—	28	752
75 x 3"	132	196	156	33	—	25	747
90 x 2"	152	226	169	26	—	16	1142
90 x 2 1/2"	152	229	169	29	—	16	1142
90 x 3"	152	232	169	33	—	16	1133
90 x 4"	152	238	169	38	—	12	1133
110 x 2"	181	263	215	26	—	8	1929
110 x 3"	181	259	215	33	—	8	1929
110 x 4"	181	267	215	42	—	8	1940

# Compression Fittings

## Male Integral Brass Thread Enlace mixto rosca macho de laton

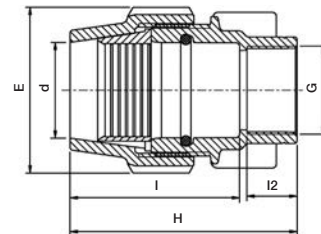
07720



Size d x G	E	H	I	I2	UB	UC	W
32 x 3/4"	64	139	64	18	1	100	240
32 x 1"	64	141	64	20	1	100	276
32 x 1 1/4"	64	142	64	22	1	75	300
32 x 1 1/2"	64	142	64	22	1	75	330
40 x 3/4"	82	149	82	18	1	55	413
40 x 1"	82	151	82	20	1	65	413
40 x 1 1/4"	82	154	82	22	1	65	428
40 x 1 1/2"	82	153	82	22	1	55	428
50 x 1"	96	169	96	20	1	45	538
50 x 1 1/4"	96	172	96	22	1	45	562
50 x 1 1/2"	96	172	96	22	1	45	585
63 x 1 1/4"	113	190	113	22	1	30	842
63 x 1 1/2"	113	190	113	22	1	30	874
63 x 2"	113	194	113	26	1	30	910

## Female Adaptor Enlace mixto rosca hembra

07030

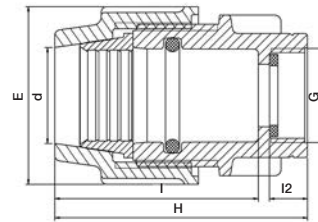


Size d x G	E	H	I	I2	UB	UC	W
16 x 1/2"	39	73	52	19	10	500	36
16 x 3/4"	39	75	53	19	10	500	36
20 x 1/2"	48	82	60	19	10	350	60
20 x 3/4"	48	82	60	19	10	350	58
20 x 1"	48	92	57	21	10	300	68
25 x 3/4"	54	88	63	21	10	250	83
25 x 1"	54	88	63	21	10	250	78
32 x 3/4"	64	94	73	19	5	150	106
32 x 1"	64	94	69	21	5	150	108
32 x 1 1/4"	64	96	67	25	5	140	140
40 x 1"	82	112	84	21	—	110	178
40 x 1 1/4"	82	114	84	25	—	110	202
40 x 1 1/2"	82	114	84	25	—	100	225
50 x 1 1/4"	96	123	93	25	—	75	275
50 x 1 1/2"	96	123	93	25	—	70	276
50 x 2"	96	128	93	30	—	70	293
63 x 1 1/4"	113	139	110	25	—	48	417
63 x 1 1/2"	113	139	110	25	—	48	435
63 x 2"	113	148	110	30	—	48	442
75 x 2"	132	181	137	30	—	27	709
75 x 2 1/2"	132	175	137	33	—	27	759
90 x 2"	152	212	182	30	—	14	1130
90 x 3"	152	222	182	40	—	14	1183
90 x 4"	152	242	182	50	—	12	1430
110 x 3"	181	263	215	42	—	8	2003
110 x 4"	181	273	215	52	—	8	2132

## Female Adaptor G

Enlace mixto rosca hembra G

0703G0\*



Size d x G	E	H	I	I2	UB	UC	W
25 x 3/4"	54	88	63	12	10	250	83
25 x 1"	54	88	63	14	10	250	78
32 x 1"	64	89	72	14	5	150	115

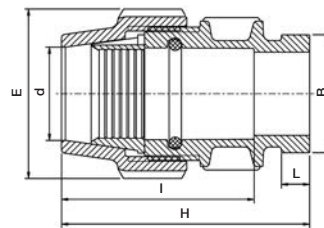
\* For connecting parallel male thread

\* Para conectar rosca macho paralelo

## Shouldered Adaptor

Adaptador minero

07320

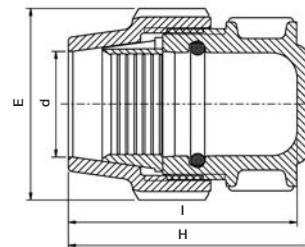


Size d x DN (inch)	E	I	L	H	B	UB	UC	W
50 x 50 (2")	96	109	16	138	67	—	65	291
63 x 50 (2")	113	123	16	156	67	—	45	437
90 x 100 (4")	152	169	16	230	123	—	14	1249
110 x 100 (4")	181	215	16	257	123	—	8	1964

## End Plug

Tapón final

07120



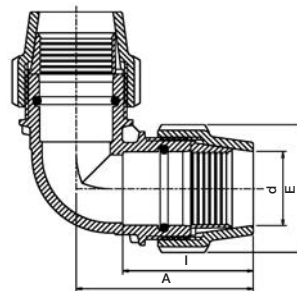
Size d	E	I	H	UB	UC	W
20	48	74	79	10	350	57
25	54	77	82	10	250	72
32	64	87	92	5	180	108
40	82	97	102	—	110	186
50	96	114	121	—	75	269
63	113	122	145	—	45	446
75	132	161	177	—	28	740
90	152	169	211	—	16	1082
110	181	221	234	—	10	1920

## Compression Fittings

### 90° Elbow

Codo de 90°

07050

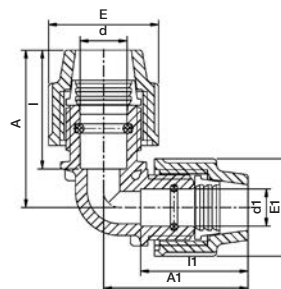


Size d x d	E	I	A	UB	UC	W
16 x 16	39	50	63	10	350	57
20 x 20	48	56	73	10	200	95
25 x 25	54	58	79	10	150	122
32 x 32	64	67	93	5	100	187
40 x 40	82	82	108	—	60	341
50 x 50	96	93	127	—	35	495
63 x 63	113	110	151	—	24	836
75 x 75	132	137	184	—	12	1362
90 x 90	152	161	216	—	8	2171
110 x 110	181	196	294	—	4	3997

### 90° Reducing Elbow

Codo de 90° reductor

07510

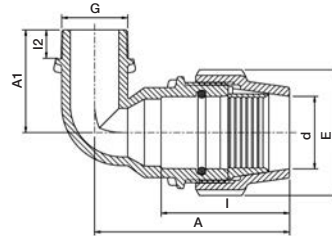


Size d x D1	E	E1	I	I1	A	A1	UB	UC	W
25 x 20	54	48	58	57	90	75	10	180	114

## 90° Elbow with Threaded Male Offtake

Codo de 90° compresión rosca macho

07850

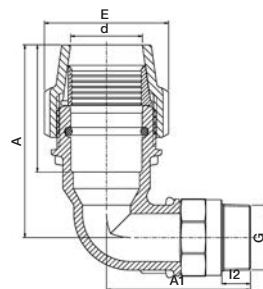


Size d x G	E	I	I2	A	A1	UB	UC	W
20 x 1/2"	48	57	17	74	41	10	350	55
20 x 3/4"	48	57	18	76	43	10	300	64
25 x 1/2"	54	58	17	85	47	10	240	70
25 x 3/4"	54	58	18	90	48	10	250	79
25 x 1"	54	58	20	90	54	10	240	84
32 x 3/4"	64	67	18	104	55	5	140	116
32 x 1"	64	67	20	104	55	5	140	128
32 x 1 1/4"	64	67	22	104	58	5	140	135
40 x 1"	82	84	20	124	60	—	90	194
40 x 1 1/4"	82	84	22	124	66	—	90	205
40 x 1 1/2"	82	84	22	124	66	—	80	218
50 x 1"	96	93	20	140	71	—	55	293
50 x 1 1/4"	96	93	22	144	74	—	55	301
50 x 1 1/2"	96	93	22	144	74	—	55	320
50 x 2"	96	93	26	144	76	—	55	368
63 x 1 1/4"	113	110	22	168	76	—	35	451
63 x 1 1/2"	113	110	22	168	76	—	35	465
63 x 2"	113	110	26	170	92	—	35	518
75 x 1 1/2"	132	137	30	207	105	—	18	872
75 x 3"	132	137	33	207	110	—	18	934
90 x 3"	152	164	33	232	110	—	12	1356
110 x 4"	181	196	42	276	140	—	6	2320

## 90° Elbow with Male Integral Brass

Code de 90° con macho integral de latón

07770



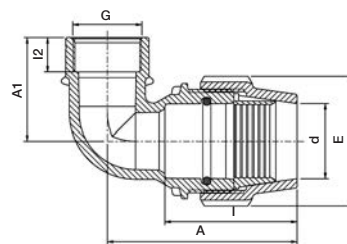
Size d x G	E	I	I2	A	A1	UB	UC	W
32 x 3/4"	64	67	18	104	79	1	75	270
32 x 1"	64	67	20	104	81	1	70	286
32 x 1 1/4"	64	67	22	104	82	1	70	343
32 x 1 1/2"	64	67	22	104	82	1	70	336
40 x 3/4"	82	84	18	124	86	1	55	435
40 x 1"	82	84	20	124	88	1	55	435
40 x 1 1/4"	82	84	22	124	90	1	55	450
40 x 1 1/2"	82	84	22	124	89	1	55	460
50 x 1"	96	93	20	144	94	1	40	591
50 x 1 1/4"	96	93	22	144	97	1	40	612
50 x 1 1/2"	96	93	22	144	97	1	40	612
63 x 1 1/4"	113	110	22	168	126	1	27	895
63 x 1 1/2"	113	110	22	168	126	1	27	955
63 x 2"	113	110	26	170	129	1	27	987

## Compression Fittings

### 90° Elbow with Threaded Female Offtake

07150

Codo de 90° compresión rosca hembra

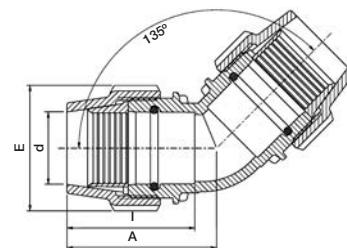


Size d x G	E	I	I2	A	A1	UB	UC	W
16 x 1/2"	39	50	19	66	39	10	500	38
20 x 1/2"	48	54	19	78	40	10	350	61
20 x 3/4"	48	57	19	78	44	10	300	71
25 x 1/2"	54	58	18	81	46	10	250	86
25 x 3/4"	54	58	19	81	46	10	250	81
25 x 1"	54	58	21	83	50	10	220	90
32 x 3/4"	64	67	18	95	54	5	150	143
32 x 1"	64	67	21	95	54	5	150	136
32 x 1 1/4"	64	67	25	99	60	5	120	167
40 x 1"	82	84	21	119	52	—	100	201
40 x 1 1/4"	82	84	25	119	62	—	90	232
40 x 1 1/2"	82	84	25	119	62	—	80	261
40 x 2"	82	84	30	119	75	—	65	293
50 x 1"	96	93	21	133	57	—	70	280
50 x 1 1/4"	96	93	25	133	67	—	60	312
50 x 1 1/2"	96	93	25	135	66	—	60	336
50 x 2"	96	93	30	138	85	—	45	384
63 x 1 1/4"	113	110	25	162	65	—	35	486
63 x 1 1/2"	113	110	25	162	69	—	35	503
63 x 2"	113	110	30	160	90	—	35	553
75 x 2"	132	137	30	193	100	—	22	860
75 x 2 1/2"	132	137	36	196	105	—	18	933
75 x 3"	132	137	36	196	105	—	18	982

### 45° Elbow

07060

Codo de 45°



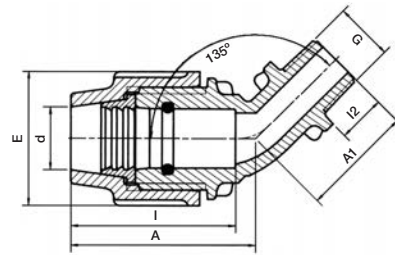
Size d x d	E	I	A	UB	UC	W
32 x 32	64	67	92	—	100	188
40 x 40	82	84	99	—	60	330
50 x 50	96	93	110	—	40	474
63 x 63	113	110	130	—	24	772
75 x 75	132	137	159	—	12	1265
90 x 90	152	164	194	—	8	2040
110 x 110	181	196	237	—	4	3550



## 45° Elbow with Threaded Male Offtake

07450

Codo de 45° compresión rosca macho

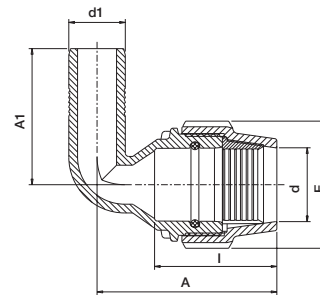


Size d x G	E	I	I2	A	A1	UB	UC	W
20 x 1/2"	48	57	17	64	40	10	350	54
20 x 3/4"	48	57	18	64	41	10	350	55

## 90° Elbow Adaptor

07350

Codo espiga

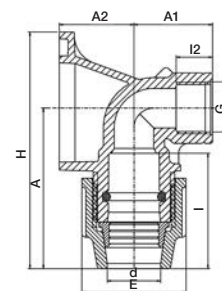


Size d x d1	E	I	A	A1	UB	UC	W
40 x 40	82	84	118	106	—	80	148
40 x 50	82	84	118	120	—	70	275
50 x 40	96	93	136	106	—	60	179
50 x 50	96	93	136	120	—	55	355
63 x 40	113	110	161	106	—	40	450
63 x 50	113	110	161	120	—	35	495

## Wall Plate Elbow

07750

Codo de aplicación mural



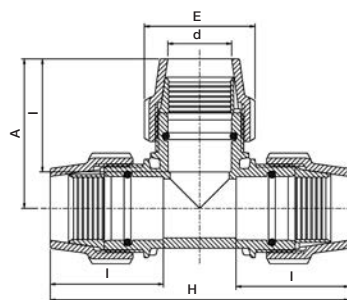
Size d x G	E	I	I2	A	A1	A2	H	UB	UC	W
16 x 1/2"	39	50	18	76	40	38	110	1	150	98
20 x 1/2"	48	57	18	78	40	38	110	1	150	92
25 x 3/4"	54	58	19	81	40	38	120	1	100	115

## Compression Fittings

### 90° Tee

Te de 90°

07040

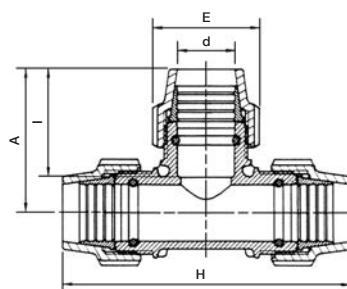


Size d x d x d	E	H	I	A	UB	UC	W
16 x 16 x 16	39	126	50	63	10	220	83
20 x 20 x 20	48	145	56	73	10	120	141
25 x 25 x 25	54	156	58	78	5	100	173
32 x 32 x 32	64	185	67	93	5	60	285
40 x 40 x 40	82	221	86	111	—	40	498
50 x 50 x 50	96	252	95	126	—	25	736
63 x 63 x 63	113	294	110	146	—	16	1213
75 x 75 x 75	132	364	137	182	—	8	1947
90 x 90 x 90	152	438	164	219	—	5	3235
110 x 110 x 110	181	583	196	294	—	2	5880

### 90° SlipTee

Te de 90° de reparación

0704P0

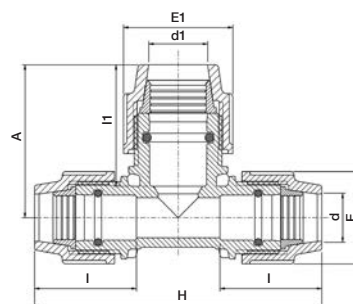


Size d x d x d	E	H	I	A	UB	UC	W
20 x 20 x 20	48	145	56	73	10	120	133
25 x 25 x 25	54	156	58	78	5	100	173
32 x 32 x 32	64	185	67	93	5	60	280
40 x 40 x 40	82	221	86	111	—	40	484
50 x 50 x 50	96	252	95	126	—	25	716
63 x 63 x 63	113	294	110	146	—	16	1107

### 90° Enlarging Tee

Te de alargado

07740

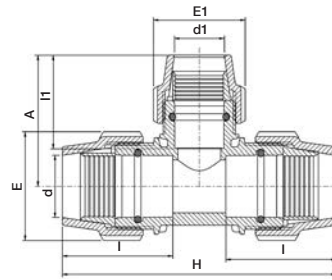


Size d x d1 x d	E	E1	H	I	I1	A	UB	UC	W
25 x 32 x 25	54	64	156	58	69	87	5	80	220

## 90° Reducing Tee

07340

Te de 90° reductor

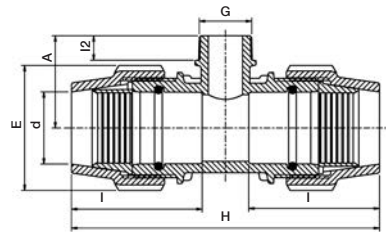


Size d x d1 x d	E	E1	H	I	I1	A	UB	UC	W
20 x 16 x 20	48	39	137	48	50	70	10	150	125
25 x 20 x 25	54	48	150	54	57	74	5	100	166
32 x 25 x 32	64	54	173	64	58	83	5	70	254
40 x 25 x 40	82	54	205	82	58	84	—	45	412
40 x 32 x 40	82	64	207	82	67	97	—	40	428
50 x 25 x 50	96	54	228	96	76	105	—	30	542
50 x 32 x 50	96	64	230	96	67	117	—	30	587
50 x 40 x 50	96	82	236	96	82	114	—	30	643
63 x 32 x 63	113	64	268	113	62	118	—	20	892
63 x 40 x 63	113	82	268	113	84	139	—	20	961
63 x 50 x 63	113	96	275	113	93	132	—	18	1019
75 x 63 x 75	132	113	364	132	109	153	—	10	1661

## 90° Tee with Threaded Male Offtake

07840

Te de 90° compresión rosca macho



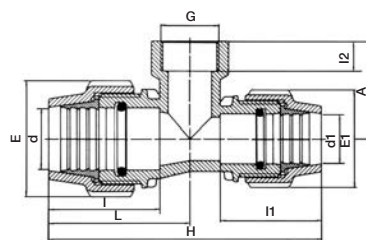
Size d x G x d	E	H	I	I2	A	UB	UC	W
20 x 1/2" x 20	48	138	56	17	46	10	180	105
20 x 3/4" x 20	48	144	56	18	46	10	180	108
25 x 1/2" x 25	54	146	58	17	48	5	140	134
32 x 1" x 32	64	170	67	20	58	5	80	218
40 x 1 1/4" x 40	82	205	84	22	71	—	50	373
40 x 1 1/2" x 40	82	205	84	22	71	—	50	376
50 x 1 1/2" x 50	96	230	93	22	77	—	36	521
50 x 2" x 50	96	230	93	26	82	—	36	521
63 x 1 1/4" x 63	113	268	113	22	79	—	20	821
63 x 1 1/2" x 63	113	268	113	22	83	—	20	828
63 x 2" x 63	113	272	110	26	92	—	20	876

## Compression Fittings

### 90° Reducing Tee with Threaded Female Offtake

0714S0

Te de 90° reducción compresión rosca hembra

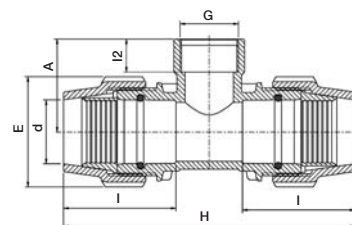


Size d x G x d	E	E1	H	L	I	I1	I2	A	UB	UC	W
20 x 3/4" x 16	48	39	132	69	52	50	19	42	10	180	86
25 x 3/4" x 20	54	48	139	70	53	52	22	42	5	140	145
32 x 1" x 25	64	54	169	91	67	58	22	58	5	80	176

### 90° Tee with Threaded Female Offtake

07140

Te de 90° compresión rosca hembra

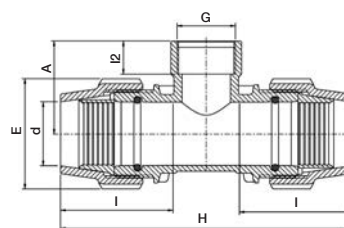


Size d x G x d	E	H	I	I2	A	UB	UC	W
16 x 1/2" x 16	39	122	39	17	42	10	240	66
16 x 3/4" x 16	39	122	39	19	41	10	240	65
20 x 1/2" x 20	48	144	48	18	42	10	180	104
20 x 3/4" x 20	48	144	48	19	45	10	180	110
25 x 1/2" x 25	54	151	54	18	45	5	140	131
25 x 3/4" x 25	54	151	54	19	48	5	140	140
25 x 1" x 25	54	158	54	21	53	5	100	139
25 x 1 1/4" x 25	54	158	54	25	64	5	80	194
32 x 3/4" x 32	64	177	64	19	51	5	80	210
32 x 1" x 32	64	177	64	21	54	5	80	213
32 x 1 1/4" x 32	64	182	64	25	65	5	60	253
32 x 1 1/2" x 32	64	182	64	25	71	5	60	268
40 x 1" x 40	82	203	82	21	61	—	60	348
40 x 1 1/4" x 40	82	217	82	24	70	—	55	403
40 x 1 1/2" x 40	82	217	82	25	70	—	50	412
40 x 2" x 40	82	217	82	30	78	—	45	424
50 x 1 1/2" x 50	96	244	96	25	76	—	36	572
50 x 2" x 50	96	244	96	30	80	—	30	588
63 x 1 1/4" x 63	113	268	113	27	95	—	20	886
63 x 1 1/2" x 63	113	268	113	27	95	—	20	888
63 x 2" x 63	113	272	113	30	95	—	20	904
75 x 2" x 75	132	370	132	30	110	—	9	1517
75 x 2 1/2" x 75	132	342	132	35	85	—	9	1570
75 x 3" x 75	132	370	132	36	110	—	9	1627
90 x 3" x 90	152	418	152	41	116	—	7	2351
110 x 4" x 110	181	516	181	52	140	—	4	4189

## 90° Slip Tee with Threaded Female Offtake

0714P0

Te de 90° roscas hembra de reparación

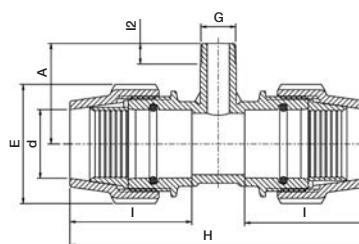


Size d x G x d	E	H	I	I2	A	UB	UC	W
40 x 1" x 40	82	203	84	21	61	—	60	333
50 x 1 1/2" x 50	96	244	93	25	76	—	36	547
63 x 1 1/4" x 63	113	268	113	27	95	—	20	860

## Coupling with Riser

07810

Enlace recto con derivación rosca macho

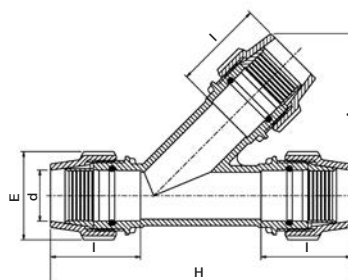


Size d x G x d	E	I	I2	H	A	UB	UC	W
40 x 3/4" x 40	82	89	18	215	85	5	50	361
50 x 3/4" x 50	96	98	18	244	90	5	36	510
50 x 1" x 50	96	98	20	244	90	5	36	517
63 x 3/4" x 63	113	110	18	270	95	—	24	805
63 x 1" x 63	113	110	20	270	95	—	24	820
75 x 3/4" x 75	132	137	18	324	105	—	12	1300
75 x 1" x 75	132	137	20	324	105	—	12	1310

## 45° Tee

07640

Te de 45°



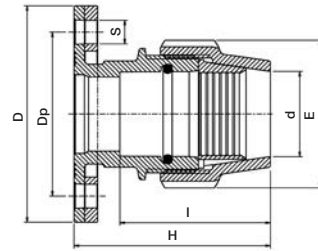
Size d x d x d	E	H	I	A	UB	UC	W
63 x 63 x 63	113	374	113	207	—	10	1428
75 x 75 x 75	132	446	132	204	—	6	2500
90 x 90 x 90	152	519	152	233	—	4	3600
110 x 110 x 110	181	630	181	284	—	2	6000

## Compression Fittings

### Compression Flange Adaptor (with Metal Flange)

07220\*

Adaptador compresión-brida (con brida de metal)



Size d x DN (inch)	E	H	I	D	Dp	S	No. of Holes	Metal-Flange Size	UC	W
40 x 40 (1 1/2")	82	119	93	150	110	18	4	40 x 40	20	1200
50 x 40 (1 1/2")	96	128	93	150	110	18	4	50 x 40	20	1212
50 x 50 (2")	96	128	93	165	125	18	4	50 x 50	15	1516
63 x 50 (2")	113	145	110	165	125	18	4	63 / 75 x 50	15	1563
75 x 65 (2 1/2")	132	169	157	185	145	18	4	75 / 90 x 65	12	2200
90 x 80 (3")	152	194	182	200	160	18	8	90 / 110 x 80	10	2429
90 x 100 (4")	152	194	182	220	180	18	8	90 x 100	8	2980
110 x 100 (4")	181	237	224	220	180	18	8	110 x 100	8	3402
125 x 125 (5")	212	270	250	250	210	22	8	125 / 160 x 125	4	5534
125 x 150 (6")	212	270	250	285	240	22	8	125 / 160 x 150	3	7037

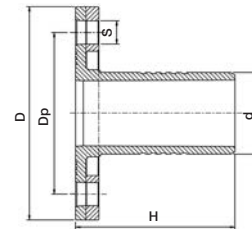
\* 072210 - Compression Flange Adaptor without metal flange

\* 072210 - Sin brida de metal

### Flange Adaptor (with Metal Flange)

072306\*

Adaptador espiga-brida (con brida de metal)



Size d x DN (inch)	H	D	Dp	S	No. of Holes	Metal-Flange Size	UC	W
50 x 40 (1 1/2")	99	150	110	18	4	50 x 40	20	1064
50 x 50 (2")	99	165	125	18	4	50 x 50	20	1094
63 x 50 (2")	124	165	125	18	4	63 / 75 x 50	18	1311
63 x 65 (2 1/2")	124	185	145	18	4	63 x 65	15	1882
75 x 50 (2")	142	165	125	18	4	63 / 75 x 50	15	1402
75 x 65 (2 1/2")	142	185	145	18	4	75 / 90 x 65	15	1568
75 x 80 (3")	142	200	160	18	8	75 x 80	12	1981
90 x 65 (2 1/2")	175	185	145	18	4	75 / 90 x 65	12	1754
90 x 80 (3")	175	200	160	18	8	90 / 110 x 80	12	1858
90 x 100 (4")	175	220	180	18	8	90 x 100	10	2180
110 x 80 (3")	210	200	160	18	8	90 / 110 x 80	10	2019
110 x 100 (4")	210	220	180	18	8	100 x 100	8	2329
110 x 125 (5")	214	250	210	18	8	110 x 125	6	3987

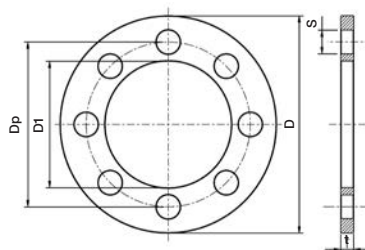
\* 072301 - Flange adaptor without metal flange

\* 072301 - Sin brida de metal

## Metal Flange

Brida de metal

07006



Size d x DN (inch)	D	Dp	D1	S	t	Th*		No. of Holes	W
						mm	inch		
50 x 40 (1 1/2")	150	110	82	18	10	M16	37472	4	844
50 x 50 (2")	165	125	82	18	10	M16	37472	4	1141
63 / 75 x 50 (2")	165	125	96	18	10	M16	37472	4	986
63 x 65 (2 1/2")	185	145	96	18	10	M16	37472	4	1420
75 / 90 x 65 (2 1/2")	185	145	112	18	10	M16	37472	4	1350
75 x 80 (3")	200	160	112	18	10	M16	37472	8	1430
90 / 110 x 80 (3")	200	160	132	18	10	M16	37472	8	1215
90 x 100 (4")	220	180	132	18	10	M16	37472	8	1720
110 x 100 (4")	220	180	151	18	10	M16	37472	8	1416
110 x 125 (5")	250	210	151	18	10	M16	37472	8	2850

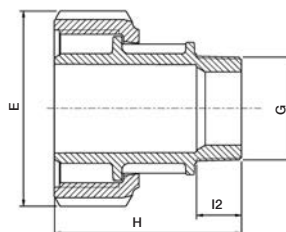
\* nominal diameter of bolts

\* diametro nominal del tornillo

## Threaded Adaptor

Adaptador compresión rosca macho

07250\*



Size d x G	E	H	I2	UB	UC	W
25 x 1/2"	54	79	17	1	200	36
25 x 3/4"	54	80	18	1	200	36
32 x 1/2"	64	85	17	1	180	66
32 x 3/4"	64	86	18	1	180	65
32 x 1"	64	87	20	1	180	68
40 x 1"	82	99	20	1	130	108
40 x 1 1/4"	82	100	22	1	130	112
40 x 1 1/2"	82	100	22	1	130	114
50 x 1"	96	102	20	1	80	147
50 x 1 1/4"	96	104	24	1	80	154
50 x 1 1/2"	96	104	24	1	80	156
50 x 2"	96	107	27	1	80	158
63 x 1"	113	108	20	1	60	228
63 x 1 1/4"	113	111	22	1	60	230
63 x 1 1/2"	113	111	22	1	60	230
63 x 2"	113	114	26	1	60	258
63 x 2 1/2"	113	116	29	1	60	250
75 x 1 1/2"	132	128	22	1	30	404
75 x 2"	132	132	26	1	30	402
75 x 2 1/2"	132	134	29	1	30	412
75 x 3"	132	137	33	1	30	430

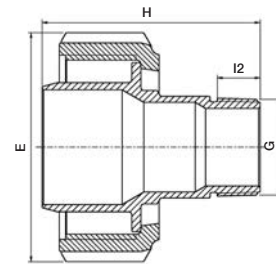
\* Threaded Adaptor Body Cat. No. 078901. Threaded Adaptor Nut - Cat. No. 078940

\* Cuerpo del adaptador roscado - Cat. No. 078901. Racor para el adaptador roscado - Cat. No. 078940

# Compression Fittings

## Brass Threaded Adaptor Adaptador rosca de latón

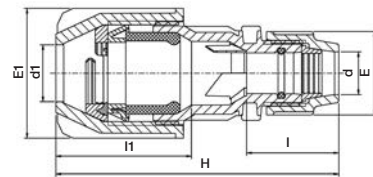
07270



Size d x G	G	I2	H	E	UB	UC	W
32 x 1"	33	19	77	64	1	50	279
40 x 1"	33	19	81	82	1	50	363
40 x 1 1/4"	41	21	90	82	1	50	487
50 x 1 1/4"	41	21	95	96	1	30	523
50 x 1 1/2"	47	21	97	96	1	30	570
63 x 1 1/4"	41	21	105	113	1	20	767
63 x 1 1/2"	47	21	107	113	1	20	762
63 x 2"	59	25	112	113	1	20	985

## Plass4 Coupling (Universal) Plass4 Enlace (universal)

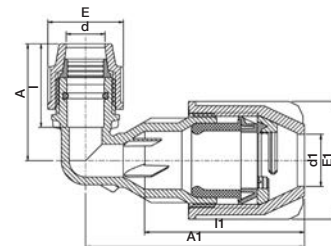
070170



Size d x d1	E	E1	I	I1	H	UB	UC	W
25 x 15 - 22	54	64	58	80	165	1	90	183
25 x 20 - 27	54	71	58	85	170	1	80	206
25 x 27 - 35	54	83	58	90	180	1	60	281
32 x 20 - 27	64	71	67	85	180	1	70	240
32 x 27 - 35	64	83	67	90	195	1	60	312
50 x 35 - 50	96	121	93	125	270	1	20	900

## Plass4 (Universal) 90° Elbow Plass4 - Codo de 90° (universal)

070570



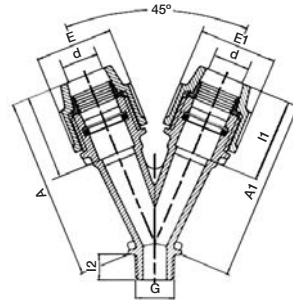
Size d x d1	E	E1	I	I1	A	A1	UB	UC	W
25 x 15 - 22	54	64	58	105	81	128	1	90	195
25 x 20 - 27	54	71	58	105	81	139	1	80	238
25 x 27 - 35	54	83	58	112	81	153	1	60	305



## Y- Fitting with Threaded Male Offtake

07550

Y compresión rosca macho



Size d x d x G	E	E1	I	I1	I2	A	A1	UB	UC	W
16 x 16 x 3/4"	39	39	50	50	18	100	100	10	200	75
20 x 16 x 3/4" *	48	39	57	50	18	108	105	10	180	103
20 x 20 x 3/4"	48	48	57	57	18	114	114	10	120	130
25 x 25 x 3/4"	54	54	58	58	18	125	125	5	100	154

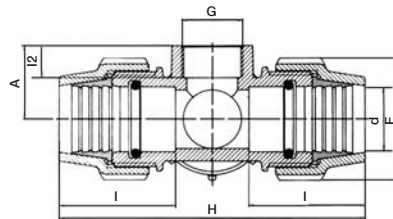
\* In this case diameter should read: d x d x G

\* en este caso el diametro debe leido: d x d x G

## Cross with Threaded Female Offtake

07540

Cruz compresión rosca hembra

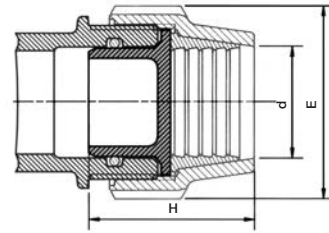


Size d x d x d x d x G	E	I	I2	H	A	UB	UC	W
20 x 20 x 20 x 20 x 3/4"	48	57	21	149	35	5	80	204

## Conversion & Adaptor Sets

### Plug Adaptor Tapón ciego

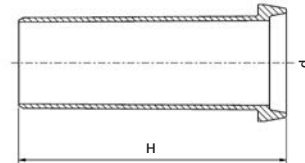
071209



Size d	E	H	UB	UC	W
20	48	47	10	2500	4
25	54	51	10	1500	7
32	64	56	10	1000	15
40	82	66	10	720	24
50	96	80	10	400	37
63	113	96	10	200	75

### Pipe Liner for PE SDR 11 Pipe Refuerzo de tubos

07950



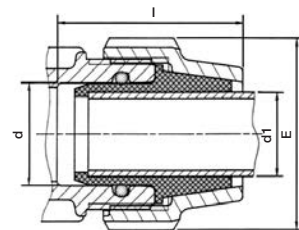
Size d *	H	UB	UC	W
20 x 2.3	65	10	3000	6
25 x 2.3	67	10	1800	11
32 x 3.0	84	10	900	18
40 x 3.7	97	—	480	26
50 x 4.6	125	10	250	56
63 x 5.8	146	5	130	90

\* O.D. of pipe x wall thickness of pipe

\* diametro externo del tubo x espesor del tubo

### Adaptor for Copper and Imperial UPVC Adaptador para cobre y PVCU

07896\*



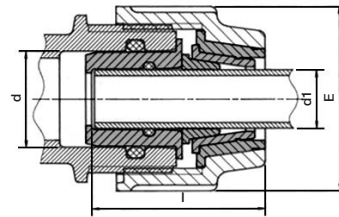
Size d x d1	E	I	UB	UC	W
20 x 15	48	66	25	1500	15
25 x 22	54	64	20	1200	15
32 x 28	64	74	20	700	27
40 x 35	82	92	10	300	54
50 x 42	96	105	10	160	111

\* No Pull-Out Resistance

\* Sin resistencia a la tracción

## Reducing Set Juego reductor

07930



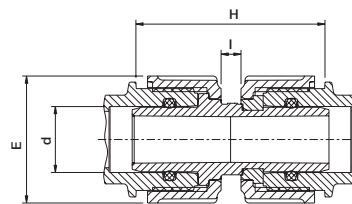
Size d x d1	E	I	UB	UC	W
25 x 20	54	56	—	300	23
32 x 20	64	62	—	300	38
32 x 25	64	60	—	250	35
40 x 20	82	73	—	180	62
40 x 25	82	69	—	180	81
40 x 32	82	77	—	200	62
50 x 25	96	85	—	120	114
50 x 32	96	87	—	120	112
50 x 40	96	85	—	120	97
63 x 25	113	103	—	80	217
63 x 32	113	102	—	80	214
63 x 40	113	103	—	80	202
63 x 50	113	105	—	80	186
75 x 63	132	121	1	70	220
110 x 63*	181	131	—	24	705
110 x 75*	181	145	1	25	655
110 x 90*	181	154	1	20	671

\* Reducer made of polypropylene

\* Reductor de pp

## Modular Adaptor Adaptador modulado

07940



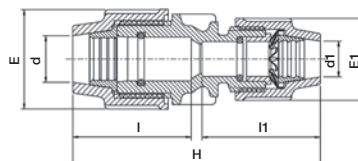
Size d	E	H	I	UB	UC	W
20	48	80	10	—	300	50
25	54	80	10	—	250	61
32	64	93	10	—	180	104
40	82	102	10	—	100	167
50	93	107	10	—	70	257
63	113	119	10	—	45	420

## Conversion & Adaptor Sets

### Copper Pipe Adaptor

0701C6

Adaptador para tubo de cobre

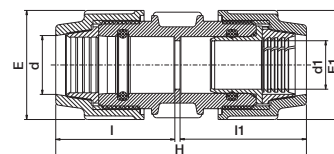


Size d (PE) x d1 (Cu)	E	E1	H	I	I1	UB	UC	W
20 x 15	48	39	115	56	54	—	200	103
25 x 15	54	39	124	55	54	—	180	86
25 x 22	54	54	136	60	71	—	150	132
32 x 28	64	64	150	70	77	—	100	204

### PB Pipe Adaptor

0711B0 / 0701B0

Adaptador para tubo plomo

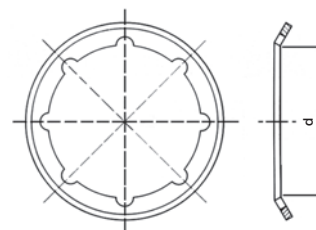


Size d (PE) x d1 (PB)	E	E1	H	I	I1	UB	UC	W
20 x 15	48	48	115	56	54	10	200	52
25 x 15	54	48	124	55	54	10	180	120
25 x 22	54	54	136	60	71	10	180	120
32 x 28	64	64	149	70	74	—	100	—

### Grip Ring for UPVC and PP pipe

07970

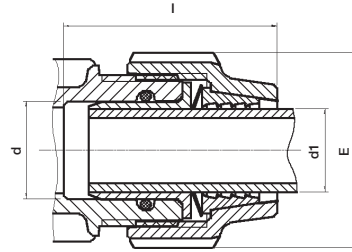
Casquillo de apriete para tubos de UPVC y PP



Size d	UB	UC	W
20	10	—	2
25	10	—	2
32	10	—	4
40	10	—	6
50	10	—	11
63	10	—	18

## Conversion Set for Copper Pipe Juego adaptador para tubos de cobre

074380



Size d x d1	E	I	UB	UC	W
20 x 15	48	67	10	360	20
25 x 15	54	69	10	360	33
25 x 22	54	67	10	360	23
32 x 28	64	77	10	300	35
40 x 35	82	92	10	300	38
50 x 42	96	105	10	250	64
63 x 54	113	121	1	150	102

## CTS dimensions

Dimensiones CTS

Size d x d1	E	I	UB	UC	W
20 x 1/2" (O.D. 15.8mm)	48	67	10	600	20
25 x 3/4" (O.D. 22.2mm)	54	69	10	500	33

## Australian dimensions (AS 1432)

Dimensiones Australianas (AS 1432)

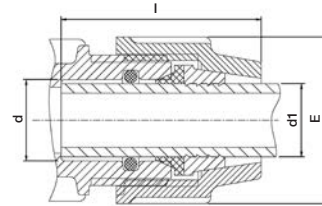
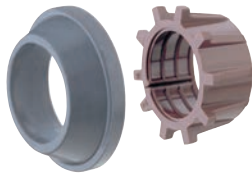
Size d x d1	E	I	UB	UC	W
20 x 15 (1/2") (O.D. 12.7mm)	48	67	10	600	20
25 x 20 (3/4") (O.D. 19.5mm)	54	69	10	500	33
25 x 25 (1") (O.D. 25.4mm)	54	69	10	500	33

## Conversion & Adaptor Sets

### Conversion Set for Lead Pipe

077802

Juego adaptador para tubos de plomo

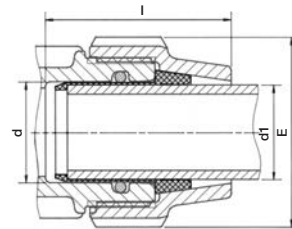


Size d x d1	E	I	UB	UC	W
25 x 3/8" 5 LB	54	67	5	1000	15
25 x 1/2" 7 LB	54	64	5	1500	8
32 x 1/2" 9 LB	64	77	5	500	24
32 x 3/4" 9 LB	64	76	5	1000	13
40 x 3/4" 11 LB	82	95	5	400	42
50 x 1" 16 LB	96	104	5	250	68

### Converter Rubber Adaptor for Galvanised Pipe

078908\*

Convertor de goma para tubos de acero galvanizado



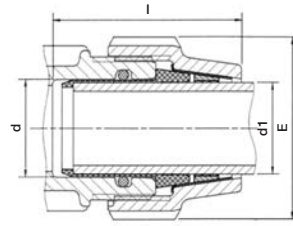
Size d x d1	E	I	UB	UC	W
40 x 1"	82	89	5	200	60
50 x 1 1/4"	96	98	5	150	89
50 x 1 1/2"	96	90	5	150	35
63 x 2"	113	108	5	120	71

\* Without pullout resistance

\* Extracción sin resistencia

### Conversion Set Adaptor for Galvanised Pipe Juego de conversion para tubos de acero galvanizado

078907



Size d x d1	E	I	UB	UC	W
40 x 1"	82	96	5	200	117
50 x 1 1/4"	96	105	5	150	150
50 x 1 1/2"	96	115	5	150	125
63 x 2"	113	117	5	100	226

# Pipe Conversion Chart

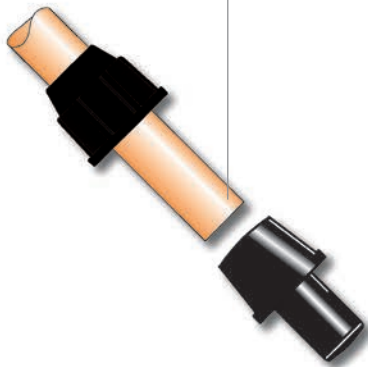
## Metric PE / Metric U-PVC / Metric PP / Galvanised Steel / Lead Pipe / Imperial U-PVC/Copper

PE métrico / PP y PVCU métrico / Acero galvanizado / Plomo / U-PVC imperial / Cobre...

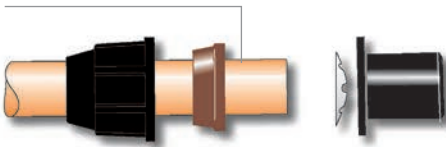
The basic fitting is a dedicated product for joining metric PE pipe. It will securely join the pipe without any additional components. The fittings can be easily converted for use with other materials simply by adding a conversion set. Plasson offers a full range of conversion sets to provide exceptional adaptability.

El accesorio básico es un producto dedicado a conectar tuberías de PE sin componentes adicionales, con la máxima seguridad. Los accesorios se pueden ser convertidos facilmente a cualquier tipo de tubería usando un juego de conversión. Plasson ofrece una gama que permite una adaptabilidad excepcional.

Copper (without pullout resistance)  
Cobre (sin resistencia a tracción)

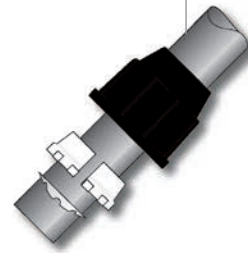


Copper  
Cobre

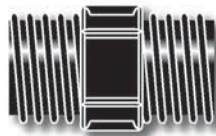


Metric PE  
PE métrico

Metric U-PVC & PP  
PVC - U y PP métrico



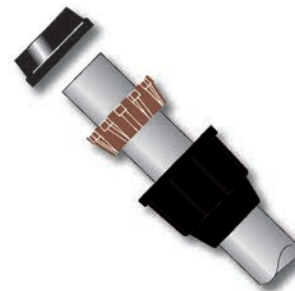
Galvanised steel (without pullout resistance)  
Acero galvanizado (sin resistencia a tracción)



Imperial U-PVC (without pullout resistance)  
U-PVC imperial (sin resistencia a tracción)



Galvanised steel  
Acero galvanizado

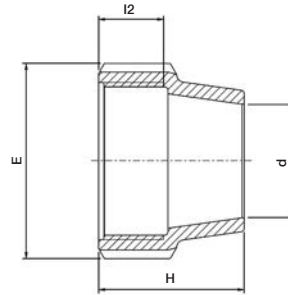


Lead pipe  
Plomo



## Nut Racor

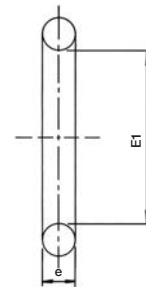
07004



Size d x d1	E	H	I2	UB	UC	W
16	39	40	23	—	—	12
20	48	45	26	—	—	22
25	54	46	26	—	—	29
32	64	51	30	—	—	43
40	82	63	34	—	—	70
50	96	71	34	—	—	105
63	113	89	43	—	—	159
75	132	110	56	—	50	291
90	153	135	73	—	30	447
110	181	170	97	—	16	827
125	212	185	107	—	—	1135

## O - Ring NBR Junta tórica (NBR)

07002



Size d	E1	e	UB	UC	W
16	15	3	—	—	—
20	19	3	—	—	—
25	24	4	—	—	—
32	31	5	—	—	—
125	122	10	—	—	—

## O - Ring EPDM (Blue Mark) Junta tórica EPDM, (marca azul)

07002D0

Size d	E1	e	UB	UC	W
16	15	3	—	—	—
20	19	3	—	—	—
25	24	4	—	—	1
32	31	5	—	—	2

## Accessories for Compression Fittings

### O - Ring Viton FPM (White Mark)

07002V0

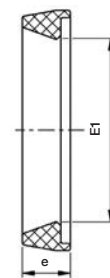
Junta tórica FPM, (marca blanca)

Size d	E1	e	UB	UC	W
20	19	3	—	—	—
25	24	4	—	—	2
32	31	5	—	—	4

### Seal - NBR

070029

Sello de NBR



Size d	E1	e	UB	UC	W
40	38	8	—	—	5
50	49	9	—	—	8
63	62	9	—	—	10

### Seal EPDM (Blue Mark)

07002D9

Sello EPDM, (marca azul)

Size d	E1	e	UB	UC	W
40	39	6	—	—	4
50	49	7	—	—	7
63	62	7	—	—	9

### Seal Viton FPM (White Mark)

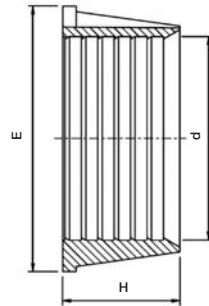
07002V9

Sello de Viton FPM, (marca blanca)

Size d	E1	e	UB	UC	W
40	39	6	—	—	7
50	49	7	—	—	12
63	62	7	—	—	15

## Split Ring - Polyacetal Casquillo de apriete (acetal)

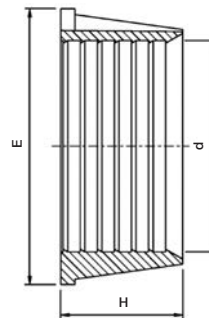
07003



Size d	E	H	UB	UC	W
16	23	12	100	12000	1
20	31	13	100	6500	2
25	36	13	100	5000	4
32	44	19	50	2200	9
40	55	24	50	1200	12
50	67	30	20	500	24
63	83	37	10	300	47
125	161	72	—	—	—

## Split Ring - CPVC Casquilla de apriete (CPVC)

07003V



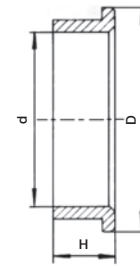
Size d	E	H	UB	UC	W
16	23	12	100	12000	2
20	31	13	100	6500	4
25	36	13	100	5000	5
32	44	19	50	2200	10
40	55	24	50	1200	19
50	67	30	20	500	32
63	83	37	10	300	53

## Accessories for Compression Fittings

### Insert

07005

Inserto de PP



Size d	D	H	UB	UC	W
16	—	—	—	—	—
75	94	23	—	300	37
90	116	32	—	200	48
110	138	36	—	100	80
125 Upper	164	48	—	—	154
125 Lower	142	18	—	—	43

### Chamfer Tool for PE Pipes

18960

Herramienta para biselar



Size	UB	UC	W
20 - 63	—	64	202

### Plasson Wrench

07990

Llave Plasson

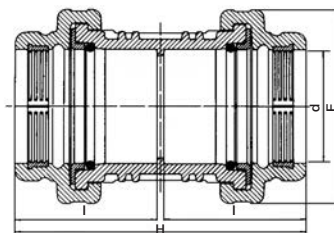


Size	UB	UC	W
16 - 40	—	250	65
40 - 75	—	75	296
63 - 125	—	40	840

## Coupling

Enlace recto

070106

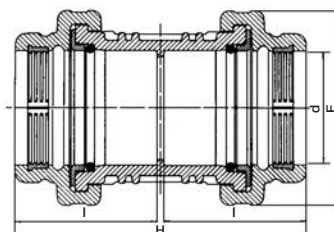


Size d x d	E	I	H	UB	UC	W
160 x 160	280	204	418	—	2	8888

## Repair Coupling

Enlace recto de reparación

076106

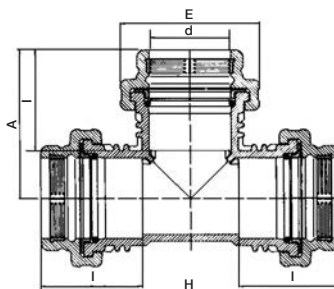


Size d x d	E	I	H	UB	UC	W
160 x 160	280	—	418	—	2	8838

## 90° Tee

Te de 90°

070406



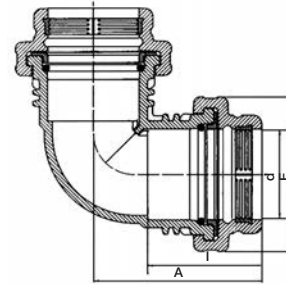
Size d x d x d	E	I	H	A	UB	UC	W
160 x 160 x 160	280	204	601	301	—	1	14660

## Fittings for 160mm Pipes

### 90° Elbow

Codo de 90°

070506

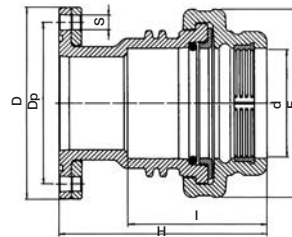
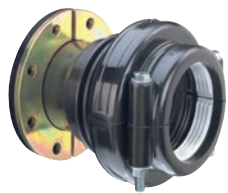


Size d x d	E	I	A	UB	UC	W
160 x 160	280	204	301	—	2	10028

### Compression Flange Adaptor (with Metal Flange)

Adaptador compresión-brida (con brida de metal)

072206

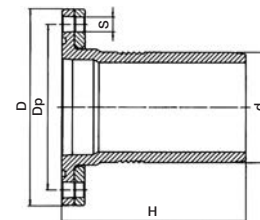
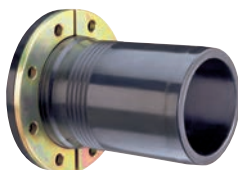


Size d x DN (inch)	E	H	I	D	Dp	S	No. of Holes	Metal-Flange Size	UC	W
160 x 125 (5")	280	304	204	250	210	18	8	125 / 160 x 125	3	7781
160 x 150 (6")	280	304	204	285	240	22	8	125 / 160 x 150	3	9188

### Flange Adaptor (with Metal Flange)

Adaptador brida (con brida de metal)

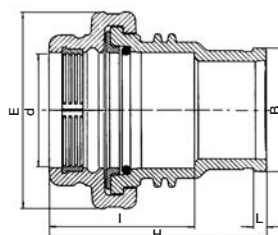
072306



Size d x DN (inch)	H	D	Dp	S	No. of Holes	Metal-Flange Size	UC	W
160 x 125 (5")	265	250	210	18	8	125 / 160 x 125	6	4409
160 x 150 (6")	265	285	240	22	8	125 / 160 x 150	5	5886

## Shouldered Adaptor Adaptador minero

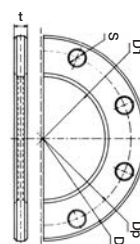
073206



Size d x DN (inch)	E	H	I	L	B	UB	UC	W
160 x 150 (6")	280	304	204	18	175	—	4	5170

## Metal Flange Brida de metal

17006



Size d x DN (inch)	D	Dp	D1	S	t	Th**		No. of Holes	W
						mm	inch		
125 / 160 x 125 (5")	250	210	170	18	12	M16	5/8	8	1100
125 / 160 x 150 (6")	250	240	170	22	12	M20	3/4	8	1800

\*\* Nominal diameter of bolts

\*\* Diametro nominal del tornillo

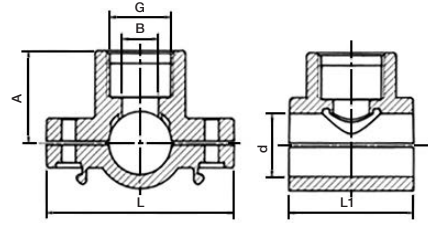
# Threaded and Compression Outlet Saddles

## Saddle Single Outlet with Reinforcing Ring Options

Collarin simple con anillo de refuerzo

16076/16086/16279/16079\*

For more details, see table on page 71, 72, 73



Size d x G	B	L	L1	A	No. of Bolts	UB	UC	W
20 x 1/2"	10	70	45	33	2	1	400	63
25 x 1/2"	15	75	50	36	2	1	300	70
25 x 3/4"	15	75	50	37	2	1	300	73
32 x 1/2"	16	92	60	40	2	1	150	133
32 x 3/4"	19	92	60	41	2	1	150	135
32 x 1"	20	92	60	42	2	1	150	142
40 x 1/2"	16	92	60	45	2	1	150	141
40 x 3/4"	19	92	60	46	2	1	150	143
40 x 1"	25	92	60	49	2	1	150	151
50 x 1/2"	16	106	73	51	2	1	100	179
50 x 3/4"	21	106	73	52	2	1	100	180
50 x 1"	25	106	73	54	2	1	100	187
50 x 1 1/4"	25	106	73	58	2	1	100	212
63 x 1/2"	16	116	84	58	4	1	70	278
63 x 3/4"	20	116	84	59	4	1	70	279
63 x 1"	25	116	84	61	4	1	70	286
63 x 1 1/4"	32	116	84	66	4	1	70	308
63 x 1 1/2"	39	116	84	67	4	1	60	322
75 x 1/2"	16	122	98	64	4	1	60	369
75 x 3/4"	20	122	98	65	4	1	55	369
75 x 1"	25	122	98	67	4	1	55	376
75 x 1 1/4"	32	122	98	72	4	1	55	398
75 x 1 1/2"	40	122	98	73	4	1	50	411
75 x 2"	40	122	98	78	4	1	50	433
90 x 1/2"	16	141	105	72	4	1	45	453
90 x 3/4"	20	141	105	73	4	1	45	454
90 x 1"	25	141	105	75	4	1	45	460
90 x 1 1/4"	32	141	105	80	4	1	40	483
90 x 1 1/2"	40	141	105	81	4	1	40	493
90 x 2"	50	141	105	86	4	1	40	511
110 x 1/2"	16	165	116	83	4	1	45	561
110 x 3/4"	20	165	116	84	4	1	45	562
110 x 1"	25	165	116	87	4	1	36	567
110 x 1 1/4"	32	165	116	91	4	1	36	588
110 x 1 1/2"	40	165	116	92	4	1	36	600
110 x 2"	50	165	116	97	4	1	30	615
125 x 3/4"	20	184	124	91	6	1	30	749
125 x 1"	25	184	124	94	6	1	30	755
125 x 1 1/4"	32	184	124	98	6	1	30	778
125 x 1 1/2"	40	184	124	99	6	1	30	781
125 x 2"	50	184	124	104	6	1	25	796
140 x 1"	25	201	136	101	6	1	24	893
140 x 1 1/4"	32	201	136	106	6	1	24	912
140 x 1 1/2"	40	201	136	107	6	1	24	922
140 x 2"	50	201	136	112	6	1	20	938
160 x 1"	25	223	145	112	6	1	20	1039
160 x 1 1/4"	32	223	145	117	6	1	20	1061
160 x 1 1/2"	40	223	145	118	6	1	20	1071
160 x 2"	50	223	145	123	6	1	20	1080
180 x 1"	25	245	154	122	6	1	16	1300
180 x 1 1/4"	32	245	154	127	6	1	16	1319
180 x 1 1/2"	40	245	154	128	6	1	16	1349
180 x 2"	50	245	154	133	6	1	16	1334

\* stainless steel nuts & bolts



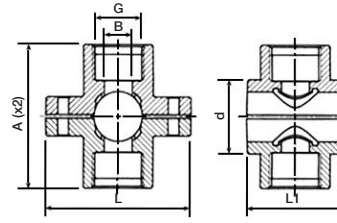
# Threaded and Compression Outlet Saddles

## Saddle Double Outlet with Reinforcing Ring Options

Collarin doble con anillo de refuerzo

16176/16186 /16179\*

For more details, see table on page 71, 72, 73



Size d x G	B	L	L1	A	No. of Bolts	UB	UC	W
20 x 1/2"	10	70	45	66	2	1	300	73
25 x 1/2"	15	75	50	71	2	1	250	81
25 x 3/4"	15	75	50	73	2	1	250	86
32 x 1/2"	16	92	60	80	2	1	140	144
32 x 3/4"	19	92	60	82	2	1	140	148
32 x 1"	20	92	60	84	2	1	140	163
40 x 1/2"	16	92	60	89	2	1	120	153
40 x 3/4"	19	92	60	91	2	1	120	157
40 x 1"	25	92	60	98	2	1	120	174
50 x 1/2"	16	106	73	102	2	1	80	193
50 x 3/4"	21	106	73	104	2	1	80	196
50 x 1"	25	106	73	109	2	1	80	210
50 x 1 1/4"	25	106	73	117	2	1	80	260
63 x 1/2"	16	116	84	116	4	1	80	293
63 x 3/4"	20	116	84	118	4	1	80	296
63 x 1"	25	116	84	123	4	1	70	310
63 x 1 1/4"	32	116	84	132	4	1	70	354
63 x 1 1/2"	39	116	84	133	4	1	60	382
75 x 1/2"	16	122	98	128	4	1	60	382
75 x 3/4"	20	122	98	130	4	1	60	382
75 x 1"	25	122	98	135	4	1	50	397
75 x 1 1/4"	32	122	98	144	4	1	50	438
75 x 1 1/2"	40	122	98	145	4	1	50	465
75 x 2"	40	122	98	155	4	1	40	513
90 x 1/2"	16	141	105	143	4	1	45	467
90 x 3/4"	20	141	105	146	4	1	45	468
90 x 1"	25	141	105	151	4	1	45	482
90 x 1 1/4"	32	141	105	160	4	1	40	526
90 x 1 1/2"	40	141	105	162	4	1	40	546
90 x 2"	50	141	105	172	4	1	36	585
110 x 1/2"	16	165	116	166	4	1	40	575
110 x 3/4"	20	165	116	168	4	1	40	577
110 x 1"	25	165	116	173	4	1	36	586
110 x 1 1/4"	32	165	116	182	4	1	30	628
110 x 1 1/2"	40	165	116	187	4	1	30	653
110 x 2"	50	165	116	196	4	1	24	685
125 x 3/4"	20	184	124	182	6	1	20	814
125 x 1"	25	184	124	187	6	1	20	814
125 x 1 1/4"	32	184	124	196	6	1	20	814
125 x 1 1/2"	40	184	124	198	6	1	20	834
125 x 2"	50	184	124	208	6	1	20	861
140 x 1"	25	201	136	202	6	1	20	948
140 x 1 1/4"	32	201	136	212	6	1	20	947
140 x 1 1/2"	40	201	136	213	6	1	20	967
140 x 2"	50	201	136	223	6	1	20	1001
160 x 1"	25	223	145	223	6	1	16	1055
160 x 1 1/4"	32	223	145	233	6	1	16	1098
160 x 1 1/2"	40	223	145	235	6	1	16	1119
160 x 2"	50	223	145	245	6	1	16	1137
180 x 1"	25	245	154	243	6	1	16	1310
180 x 1 1/4"	32	245	154	253	6	1	16	1335
180 x 1 1/2"	40	245	154	255	6	1	16	1247
180 x 2"	50	245	154	265	6	1	16	1368

\* stainless steel nuts & bolts

## Threaded and Compression Outlet Saddles

### Plated Nut & Bolt for Saddles

16005\*

Tornillo y tuerca de acero niquelado para collarin



Bolts Dimensions/mm	Saddles
6 x 30	20 - 25
8 x 45	32 - 40 - 50 - 63
8 x 60	75 - 90 - 110
8 x 70	125 - 140 - 160

\* Nuts & Bolts also available in stainless steel

\* Tornillos y tuercas, a disposición, en acero inoxidable

### O - Rings For Saddles (Refer to page 41-42)

070020

Juntas tóricas para collarín (ver pagina 41-42)

O - Ring Dimensions/mm	Saddles
**13.95 x 2.62	20 - 1/2"
**16.72 x 2.62	1/2", 25 - 3/4"
**25.80 x 3.53	1/2", 32 - 3/4", 32 - 1"
*24.00 x 4.00	1/2", 40 - 3/4"
*31.00 x 5.00	1", 50 - 1/2", 50 - 3/4", 50 - 1", 50 - 1 1/4", 63 - 1/2", 63 - 3/4", 63 - 1", 75 - 1/2", 75 - 3/4", 75 - 1", 90 - 1/2", 90 - 3/4", 90 - 1", 110 - 1/2", 110 - 3/4", 110 - 1", 125 - 3/4", 125 - 1", 140 - 1", 160 - 1"
*39.00 x 6.00	63 - 1 1/4", 75 - 1 1/4", 90 - 1 1/4", 110 - 1 1/4", 125 - 1 1/4", 140 - 1 1/4", 160 - 1 1/4"
*49.00 x 7.00	63 - 1 1/2", 75 - 1 1/2", 75 - 2", 90 - 1 1/2", 110 - 1 1/2", 125 - 1 1/2", 140 - 1 1/2", 160 - 1 1/2"
*62.00 x 7.00	90 - 2", 110 - 2", 125 - 2", 140 - 2", 160 - 2",

\* The NBR O-Ring can be replaced by O-Ring of FPM or EPDM

\* Las juntas tóricas de NBR (nitrilo) pueden ser remplazadas por juntas tóricas de FPM (fluoropolimero) o EPDM

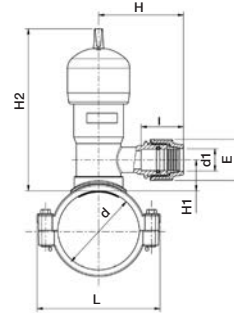
\*\* Family code 07002P

\*\* Familia del producto 07002P

## Mechanical Tapping Valve

18680

Valvula mecanica con salida rotatoria tapper



Size d x D1	L	L1*	H	H1	H2	E	I	UB	UC	W
63 x 32	116	84	135	55	240	64	67	1	8	2090
63 x 63	116	84	200	60	240	113	110	1	8	2210
75 x 32	122	98	135	60	244	64	67	1	8	1840
75 x 63	122	98	200	65	244	113	110	1	8	2230
90 x 32	141	105	135	60	244	64	67	1	8	2150
90 x 63	141	105	200	65	244	113	110	1	8	2270
110 x 32	165	116	135	60	244	64	67	1	8	2270
110 x 63	165	116	200	65	244	113	110	1	8	2730
125 x 32	184	124	135	60	244	64	67	1	8	2280
125 x 63	184	124	200	65	244	113	110	1	8	2390
140 x 32	201	136	135	60	244	64	67	1	8	2290
140 x 63	201	136	200	65	244	113	110	1	6	2440
160 x 32	223	145	135	60	244	64	67	1	6	2490
160 x 63	223	145	200	65	244	113	110	1	6	2440
180 x 32	245	154	135	60	244	64	67	1	6	2550
180 x 63	245	154	200	65	244	113	110	1	4	2550

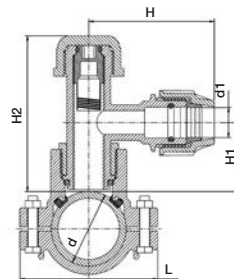
\* L1 - Length along pipe

\* L1 - longueur de la prise de branchement

## Tapper - for PVC & PE Pipes

16540

Collarin con salida rotatoria Tapper® para tubos de PVC y de PE



Size D x Dn	H	L	L1*	H1	H2	No. of Bolts	UB	UC	W
63 x 25	105	116	84	57	130	4	1	40	584
63 x 32	109	116	84	57	130	4	1	40	614
75 x 25	105	122	98	57	130	4	1	30	700
75 x 32	109	122	98	57	130	4	1	30	725
90 x 25	105	141	105	58	131	4	1	25	761
90 x 32	109	141	105	58	131	4	1	25	780
110 x 25	105	165	116	59	132	4	1	20	872
110 x 32	109	165	116	59	132	4	1	20	902
125 x 25	105	184	124	58	131	6	1	16	1058
125 x 32	109	184	124	58	131	6	1	16	1088
140 x 25	105	201	136	59	132	6	1	14	1228
140 x 32	109	201	136	59	132	6	1	14	1228
160 x 25	105	223	145	59	132	6	1	10	1370
160 x 32	109	223	145	59	132	6	1	10	1400
180 x 25	105	245	154	60	133	6	1	8	1606
180 x 32	109	245	154	60	133	6	1	8	1640

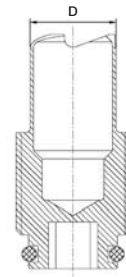
\* L1 - Length along pipe

\* L1 - longueur de la prise de branchement

## Tapping Saddles & Valves

**Tapper® - Brass Cutter for PVC & PE Pipes (including O-Ring)**  
Cortatubo para tubos de PVC (con junta tórica)

165400012



Size d	A	UB	UC	W
63 x 180mm	20	—	—	94

**Saddle Seal for Tapper® (EPDM)**  
Sello de collarín Tapper® (EPDM)

16532



Size One Size	e	D	H	UB	UC	W
63 x 180mm	36	60	7	—	600	12

**Stainless Steel Nuts & Bolts for Saddles**

16007

Tuercas y tornillos en acero inoxidable para collarín

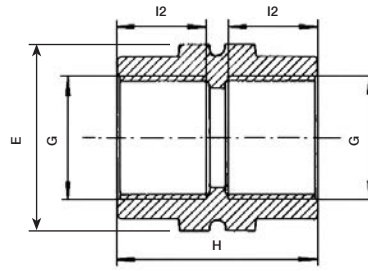


Bolts Dimensions/mm	Saddles
8 x 45	63
8 x 60	75 - 90 - 110
8 x 70	125 - 140 - 160 - 180

## Threaded Socket

050107\*

Manguito rosca hembra x hembra



Size G x G	H	I2	E	UB	UC	W
1/2" x 1/2"	39	17	30	10	1200	15
3/4" x 3/4"	41	19	36	10	1000	19
1" x 1"	45	21	46	10	600	31
1 1/4" x 1 1/4"	54	25	60	10	250	65
1 1/2" x 1 1/2"	54	25	65	10	250	76
2" x 2"	66	31	75	5	150	92

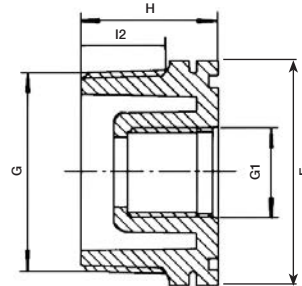
\* With reinforcing ring - Cat. No. 050117

\* Con anillo de refuerzo - Cat. No. 050117

## Threaded Reducing Bushing

050207

Manguito reductor hembra x macho



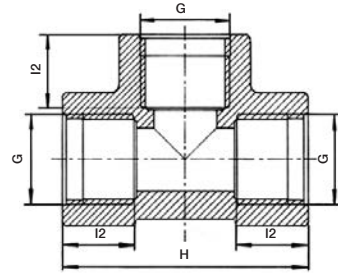
Size G x G1	H	I2	E	UB	UC	W
3/4" x 1/2"	30	17	27	10	2000	6
1" x 1/2"	32	19	36	10	1200	16
1" x 3/4"	32	19	36	10	1000	11
1 1/4" x 1/2"	37	21	46	10	700	27
1 1/4" x 3/4"	37	21	46	10	700	28
1 1/4" x 1"	37	21	46	10	700	21
1 1/2" x 1/2"	37	21	50	10	600	34
1 1/2" x 3/4"	37	21	50	10	600	32
1 1/2" x 1"	37	21	50	10	500	32
1 1/2" x 1 1/4"	37	21	50	10	500	20
2" x 1/2"	41	25	63	5	350	60
2" x 3/4"	41	25	63	5	350	58
2" x 1"	41	26	63	5	300	61
2" x 1 1/4"	41	26	63	5	320	55
2" x 1 1/2"	41	26	63	5	320	44
2" x 2"	44	29	80	5	200	75
3" x 1"	48	32	90	2	150	117
3" x 1 1/4"	48	32	90	2	150	119
3" x 1 1/2"	48	32	90	2	150	118
3" x 2"	48	32	90	2	100	103
3" x 2 1/2"	48	32	90	2	150	75
4" x 2"	56	41	120	2	80	238
4" x 3"	56	41	120	2	80	222

## BSP Threaded Fittings

### 90° Threaded Tee

Te de 90° rosca hembra

050407\*



Size G	H	I2	UB	UC	W
1/2"	64	18	10	700	28
3/4"	68	19	10	500	39
1"	81	21	10	260	61
1 1/4"	96	25	5	140	114
1 1/2"	108	25	5	90	157
2"	130	30	5	60	205

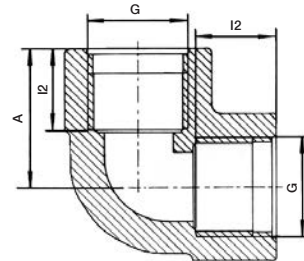
\* With reinforcing ring - Cat. No. 050417

\* Con anillo de refuerzo - Cat. No. 050417

### 90° Threaded Elbow

Codo de 90° rosca hembra

050507\*



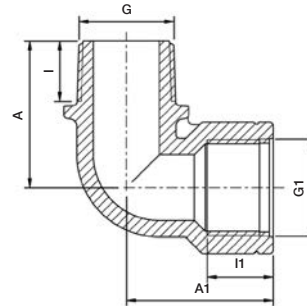
Size G x G	A	I2	UB	UC	W
1/2" x 1/2"	32	17	10	1000	22
3/4" x 3/4"	35	18	10	700	30
1" x 1"	41	21	10	400	45
1 1/4" x 1 1/4"	48	25	10	200	87
1 1/2" x 1 1/2"	54	25	5	150	116
2" x 2"	65	30	5	80	157

\* With reinforcing ring - Cat. No. 050517

\* Con anillo de refuerzo - Cat. No. 050517

90° Threaded Elbow Male x Female  
Codo roscado-macho x hembra

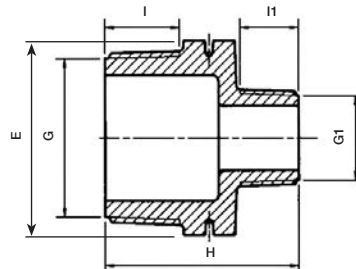
051507



Size G x G1	A	A1	I	I1	UB	UC	W
1/2" x 1/2"	36	36	16	17	10	1000	27
3/4" x 3/4"	40	40	17	18	10	700	26
1" x 1"	45	47	19	21	10	400	41

Threaded Reducing Nipple  
Machón doble reductor

050605

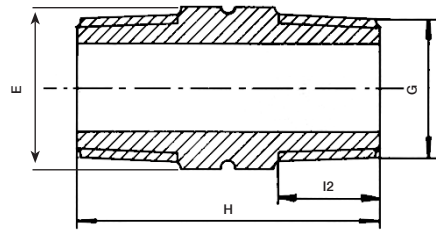


Size G x G1	A	A1	I	I1	UB	UC	W
3/4" x 1/2"	47	17	17	16	10	1500	10
1" x 1/2"	49	19	19	16	10	800	17
1" x 3/4"	50	19	19	17	10	800	18
1 1/4" x 1/2"	53	21	21	16	10	500	28
1 1/4" x 3/4"	54	21	21	17	10	500	29
1 1/4" x 1"	56	21	21	19	10	500	31
1 1/2" x 1/2"	54	21	21	16	5	500	34
1 1/2" x 3/4"	55	21	21	17	5	500	34
1 1/2" x 1"	57	21	21	19	5	400	36
1 1/2" x 1 1/4"	59	21	21	21	5	400	39
2" x 1/2"	58	25	25	16	5	280	51
2" x 3/4"	59	25	25	17	5	260	52
2" x 1"	61	25	25	19	5	260	53
2" x 1 1/4"	63	25	25	21	5	240	57
2" x 1 1/2"	63	25	25	21	5	240	58

# BSP Threaded Fittings

## Threaded Nipple Machón doble

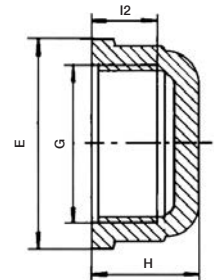
050607



Size G x G	H	I2	E	UB	UC	W
1/2" x 1/2"	47	17	22	10	2000	8
3/4" x 3/4"	49	18	27	10	1300	11
1" x 1"	55	20	36	10	800	23
1 1/4" x 1 1/4"	60	22	46	10	400	35
1 1/2" x 1 1/2"	61	22	50	5	300	48
2" x 2"	71	26	65	5	180	78

## Threaded Cap Machón doble

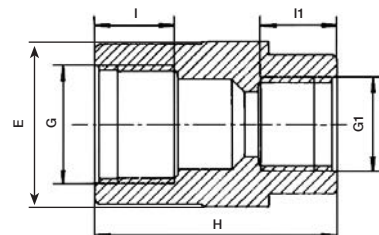
050707



Size G	E	H	I2	UB	UC	W
1/2"	37	25	15	10	1600	13
3/4"	42	26	16	10	1500	14
1"	50	32	19	10	800	27
1 1/4"	59	34	22	10	500	39
1 1/2"	65	34	21	10	450	43
2"	80	39	25	5	250	78

## Threaded Reducing Socket Manguito reductor rosca hembra - hembra

051107

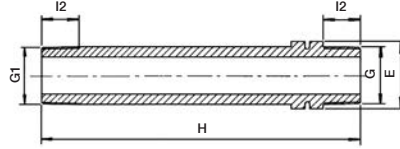


Size G x G1	H	I	I1	E	UB	UC	W
3/4" x 1/2"	50	20	19	36	10	800	25



## Threaded Riser Espiga roscada

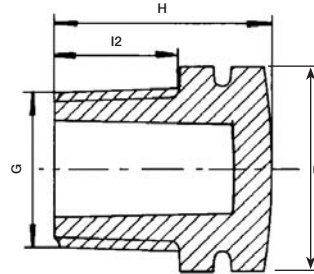
051607



Size G x G	H	I2	E	UB	UC	W
1/2" x 1/2"	150	17	22	10	600	30
3/4" x 1/2"	113	18	27	10	500	26
3/4" x 3/4"	150	18	27	10	400	43
1" x 1"	150	19	36	5	250	66
1 1/4" x 1 1/4"	150	21	46	5	150	93
1 1/2" x 1 1/4"	150	21	50	5	140	120
1 1/2" x 1 1/2"	150	21	50	5	140	115

## Threaded Plug Tapón rosca macho

051707



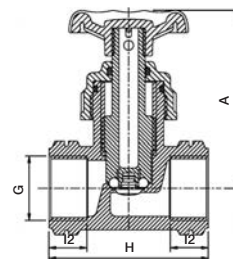
Size G	H	I2	E	UB	UC	W
3/8"	24	13	22	10	4500	4
1/2"	29	16	27	10	2500	8
3/4"	31	17	32	10	1500	12
1"	34	19	36	10	1000	16
1 1/4"	38	21	46	10	700	26
1 1/2"	39	21	55	10	500	38
2"	45	25	65	10	300	60

## Valves

### Threaded Stoptap (Seal NBR)

03405

Válvula de línea rosca hembra (juntas NBR)

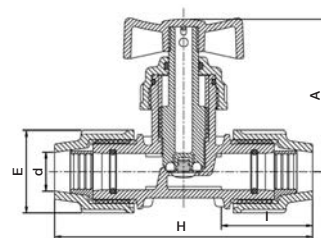


Size G x G	H	I2	A	UB	UC	W
3/4" x 3/4"	78	18	92	5	140	115
1" x 1"	82	20	92	5	120	129

### Compression Stoptap (Seal NBR)

03406

Válvula de línea compresión (juntas NBR)

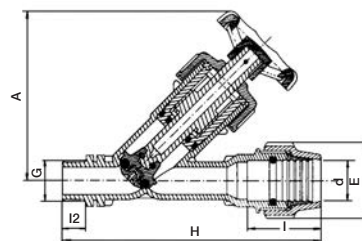


Size G x G1	E	H	I	A	UB	UC	W
20 x 20	48	147	58	101	5	100	160
25 x 25	54	157	60	91	5	80	190
32 x 32	64	163	70	95	5	60	250

### Angle Seat Valve (Seal NBR) Threaded x Compression

03048/03948\*

Válvula de asiento angular - compresión - rosca macho - juntas NBR



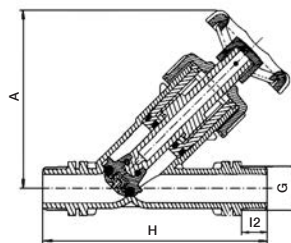
Size G x G	E	H	I	I2	A	UC	W
20 x 1/2"	48	174	57	16	113	100	176
25 x 3/4"	54	187	60	18	121	80	238
32 x 1"	64	212	70	20	140	50	360
40 x 1 1/4" *	82	258	86	22	180	26	610
50 x 1 1/2" *	96	296	98	22	207	17	944
63 x 2" *	113	338	112	26	246	10	1514

\* Trapeze shaped

**Angle Seat Valve (Seal NBR) Threaded Inlet & Outlet**

03047\*

Válvula de asiento angular, (sello NBR) roscas macho



Size G x G	H	I2	A	UB	UC	W
1/2" x 1/2"	134	16	113	5	120	142
3/4" x 3/4"	151	18	121	5	100	186
1" x 1"	170	20	140	—	70	291
1 1/4" x 1 1/4"	200	22	180	—	40	474
1 1/2" x 1 1/2"	225	22	207	—	24	733
2" x 2"	254	26	246	—	15	1191

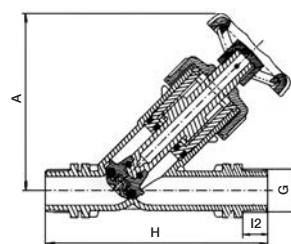
\* Available with NPT thread

\* Disponible con rosca NPT

**Angle Seat Valve (Seal FPM) Threaded Inlet & Outlet**

03049\*

Válvula de asiento angular, (sello FPM) roscas macho



Size G x G	H	I2	A	UB	UC	W
1/2" x 1/2"	134	16	113	5	120	136
3/4" x 3/4"	151	18	121	5	100	191
1" x 1"	170	20	140	—	70	294
1 1/4" x 1 1/4"	225	22	207	—	40	474
1 1/2" x 1 1/2"	200	22	180	—	24	733
2" x 2"	254	26	246	—	15	1207

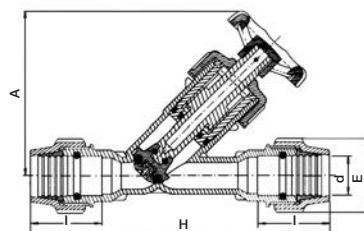
\* Available with NPT thread

\* Disponible con rosca NPT

**Angle Seat Valve (Seal NBR) Compression Inlet & Outlet**

03046

Válvula de asiento angular, (sello NBR) compresión



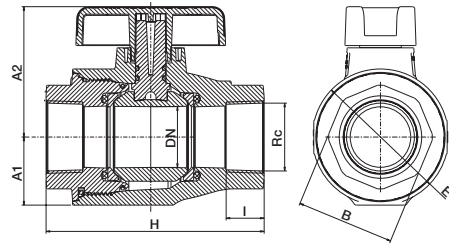
Size d x d	E	H	I	A	UB	UC	W
32 x 32	64	254	70	140	—	40	438

# Valves

## Ball Valve Válvula esférica

**NEW!**

**03703**



Size R	H	I2	I2	I2	I2	A	UC	W
20 x 3/4"	27	54	97	17.5	36	53	—	72
25 x 1"	33	64	116	20.5	46	64	—	72
32 x 1 1/4"	36	70	118	20	55	73	—	—
40 x 1 1/2"	45	87	144	24	65	91	—	—
50 x 2"	53	97	162	29	75	100	—	—

## PLASSON'S BALL VALVE

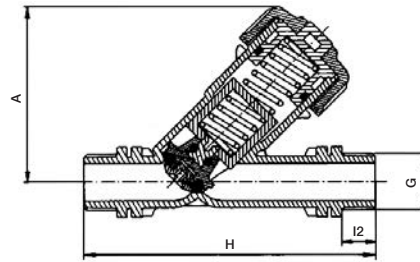
THE ONLY NON-METALLIC, FULL BORE BALL VALVE WITH A DRAIN PORT OPTION!

Plasson's Ball Valve's features and benefits:

- Non Metallic
- 100% Tested
- Full bore design minimizing pressure loss
- Various drainage options
- Tamper resistant design – removable handle and a safety lock
- Double seal on spindle to prevent leakage
- Rated PN16/235 PSli
- Approved for potable water
- Aesthetic design
- Glass Reinforced Polyamide body

**Check Valve (Seal EPDM) Threaded Inlet & Outlet**  
 Válvula antirretorno, (sello EPDM) roscas macho

03067\*



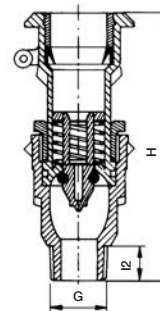
Size G	H	I2	A	UB	UC	W
3/4" x 3/4"	151	18	96	5	140	141
1" x 1"	170	20	106	5	100	210
1 1/4" x 1 1/4"	200	22	134	—	55	382
1 1/2" x 1 1/2"	225	22	155	—	35	586
2" x 2"	254	26	182	—	20	975

\* Available with NPT thread

\* Disponible con rosca NPT

**Quick Coupling Valve (Seal NBR)**  
 Válvula de acople rápido (juntas NBR)

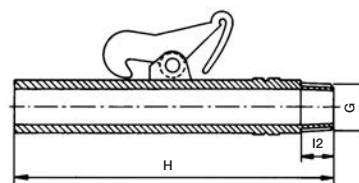
03039



Size G	H	I2	UB	UC	W
3/4"	152	17	5	130	146
1"	154	18	5	130	148

**Key for Quick Coupling Valve 3039**  
 Conexión de acople rápido

03139



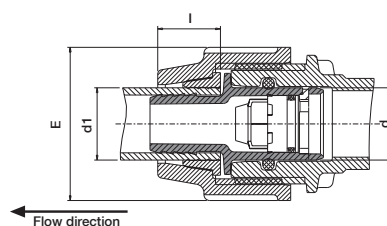
Size G	H	I2	UB	UC	W
3/4"	173	18	5	250	66

## Valves

### Check Valve Insert

Válvula de antirretorno

03226

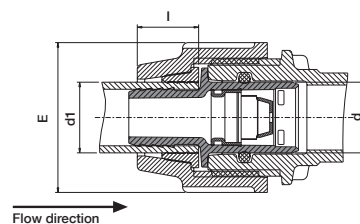


Size d x d1	E	I	UB	UC	W
25 x 25	63	22	—	800	15

### Check Valve Insert

Válvula de antirretorno

03227

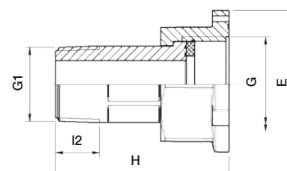


Size d x d1	E	I	UB	UC	W
25 x 25	63	22	—	—	—

### BSPT Record for Water Meter

Tubo y tuerca BSPT

3589

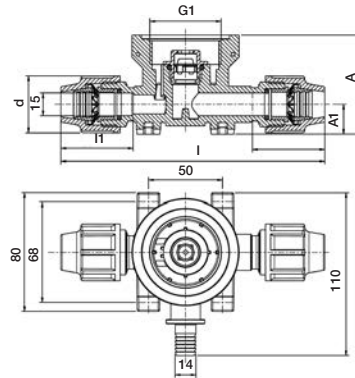


Size G x G1	E	H	I2	UB	UC	W
3/4" x 1/2"	40	56	16	1	150	37
1" x 3/4"	48	61	16	1	150	53

Water Meter Manifold

Soporte para control de flujo de agua

03510

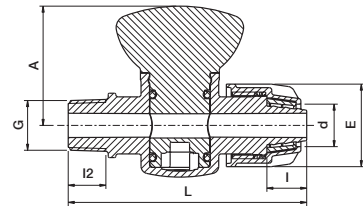
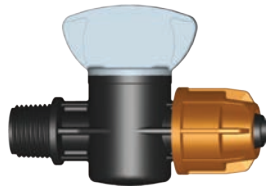


Size d x G1 x d	l	l1	A	A1	UB	UC	W
15 x 1 1/2" x 15	178	49	67	20	—	100	100

## Quarter Turn Valves

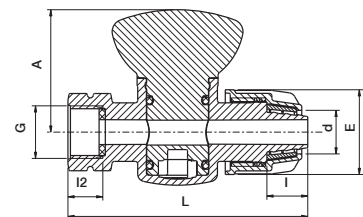
### Quarter Turn Valve Male Threaded x Compression Rosca Macho/ Compresión

03010



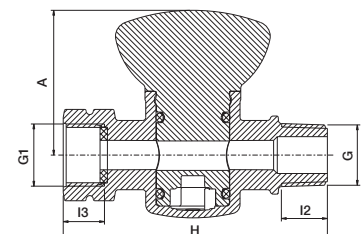
### Quarter Turn Valve Female Threaded x Compression Rosca Hembra/ Compresión

03011



### Quarter Turn Valve Male Threaded x Female Threaded Rosca Macho-/Rosca Hembra

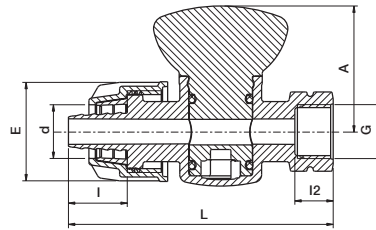
03012





## Quarter Turn Valve Flex Hose x Female Threaded Mangera Flexible/Rosca Hembra

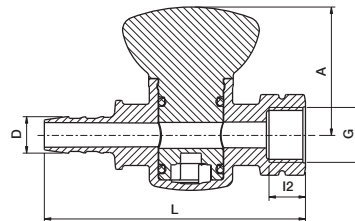
03013



Size d x G	L	A	E	I1	I2	UB	UC	W
1/2" x 1/2"	100	49	39	23	14	10	400	76
1/2" x 3/4"	109	49	39	23	18	10	400	55

## Quarter Turn Valve Barbed x Female Threaded Afilado Roscado-Rosca Hembra

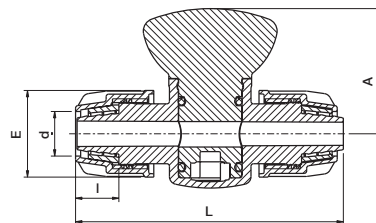
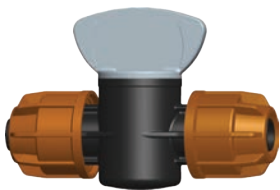
03016



Size D x G	L	A	I2	UB	UC	W
1/2" x 1/2"	100	49	14	10	450	43

## Quarter Turn Valve Compression x Compression Compresión

03017

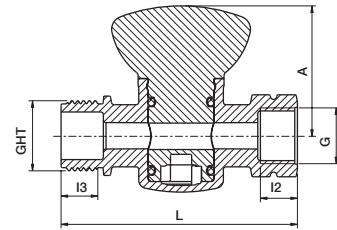


Size d x d	L	A	E	I	UB	UC	W
16 x 16	105	49	34	17	10	350	70

## Quarter Turn Valves

### Quarter Turn Valve Garden Hose Male Thread x Female Threaded Rosca Macho Mangera de Jardin/Rosca Hembra

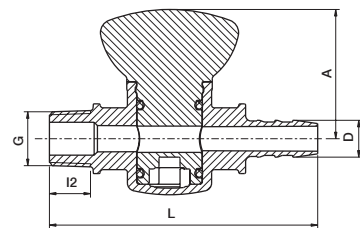
03019



Size GHT x G	L	A	I1	I2	UB	UC	W
GHT x 1/2"	90	49	14	15	10	450	70

### Quarter Turn Valve Male Thread x Barbed Rosca Macho-Afilado Roscado

03020



Size GHT x G	L	A	I2	UB	UC	W
1/2" x 1/2"	100	49	14	—	450	60

# Technical Data

# Technical Specifications

## Materials

### Compression Fittings

Body: Polypropylene, high-grade copolymer.

Nut: Polypropylene, high-grade copolymer.

Split Ring: Acetal (POM, CPVC also available).

Liner: Acetal (POM).

Seal: Nitrile rubber (NBR, EPDM, FPM also available).

Reinforcing ring: Stainless steel on all female offtakes from 1¼" up to 4".

Bolts (Series 17): Plated steel.

Nuts (Series 17): Stainless steel.

### Valves

Body: Polypropylene, high-grade copolymer.

O-Ring: See inside.

Spring: (items 03067, 03039), Stainless steel.

### Saddles

Body: Polypropylene, high-grade copolymer.

Bolts and Nuts: Plated steel.

(Stainless steel bolts and nuts also available)

Reinforcing Rings: Stainless steel.

Seal: Nitrile rubber (NBR).

Tappers + Compression Saddles Body: Polypropylene, high-grade copolymer.

Split Rings: Acetal (POM, CPVC also available).

Nuts: Polypropylene, high-grade copolymer.

Bolts and Nuts: Stainless Steel.

Seal: EPDM.

### Threaded Fittings

Body: Polypropylene, high-grade copolymer.

Reinforcing Ring: Stainless Steel.

## Operating Temperatures

The fittings and valves are not to be used with hot water, although they withstand the same temperature as the polyethylene pipe itself. The fittings and valves will withstand sub-zero temperatures.

## Chemical Resistance

Plasson Fittings are supplied, as standard, with polyacetal split rings and NBR O-rings which are suitable for water. For aggressive chemical applications CPVC split rings and EPDM or FPM O-rings can be supplied to produce a better chemical resistance.

## Operating Pressures and Quality Certificates

Plasson Fittings are tested and approved according to ISO14236 and AS/NZ 4129. For detailed pressure classification see page 71.

## Threads

All threads conform to ISO-7/1, BS 21 - 1973, DIN 2999, NEN 3258, AS 1722 Part 1 - 1975.

All internal (female) threads smaller than 3" are parallel.

All other threads (male and female) are tapered.

## Flanges

Flange dimensions in accordance with: ISO 7005-1 (TABLE 11), BS 4504: 1989 (TABLE 11), DIN 2501 (PN 16 TABLE), AS/NZS 4331. Metal backing rings to be used with all flanges.

## Legend

UB	Units per bag
UC	Units per carton
W	Weight in grams

## Note

Before installation ensure that the end of the pipe to be inserted into the fitting is free of scratches and other imperfections and that both the pipe and the fitting itself are clean of sand, mud, stones etc.

Do not over tighten nut when closing. Never use wrenches or spanners with handle lengths longer than 46 cm - excessive torque during tightening can spread nut cone and result in pull outs.

If fittings are reused, ensure split ring is sharp and bites into pipe to avoid pull outs. Alternatively replace split ring.

Pull out resistance of Series 7 fittings combined with the UPVC/PP grip ring has been approved by pressure testing UPVC/PP pipe assemblies at 25 bar operating pressure for at least 1 hour.

Note: We strongly recommend the use of PTFE tape in threaded connections.

## Materiales

### Accesorios de compresión

Cuerpo: Polipropileno, block copolímero de alta calidad.

Racor: Polipropileno, block copolímero de alta calidad.

Casquillo de apriete: Acetal (POM).

Disponibles también en PVC-C.

Refuerzo interno de tubos: Acetal (POM).

Junta tórica: Nitrilo (NBR).

disponibles también en EPDM y FPM

Anillo de refuerzo: Acero inoxidable en todas las tomas roscadas hembra de 1/4" a 4".

Tornillos (Series 17): Acero niquelado.

Tuercas: Acero inoxidable.

### Válvulas

Cuerpo: Polipropileno, block copolímero de alta calidad.

Junta tórica: Ver catálogo.

Resorte: (03067, 03039), Acero inoxidable.

### Collarines

Cuerpo: Polipropileno, block copolímero de alta calidad.

Tornillos y tuercas: Acero niquelado.

(También se dispone de tornillos y tuercas de acero inoxidable)

Anillo de refuerzo: Acero inoxidable.

Juntas: NBR.

Tapper y Collarin de compresión

Cuerpo: Polipropileno, block copolímero de alta calidad.

Casquillo de apriete: Acetal (POM).

disponibles también en PVC -C

Racor: Polipropileno, block copolímero de alta calidad.

Tornillos y tuercas: Acero inoxidable.

Juntas: EPDM.

### Accesorios roscados

Cuerpo: Polipropileno, block copolímero de alta calidad.

Anillo de refuerzo: Acero inoxidable.

## Temperaturas de Trabajo

Los accesorios y las válvulas no son recomendados para usar con agua caliente, aunque soportan las mismas temperaturas que las propias tuberías de polietileno.

Sin embargo pueden resistir temperaturas inferiores a los cero grados centígrados.

## Resistencia a las Sustancias Químicas

Los accesorios Plasson están provistos, como estándar, con Casquillos de Apriete de resina acetálica y Juntas tóricas de NBR, recomendados para usar con agua potable. Para las aplicaciones de productos químicos agresivos se ofrecen Casquillos de Apriete de CPVC y Juntas tóricas de EPDM

o FPM, que resisten mejor a las sustancias químicas.

## Presiones de Funcionamiento y Certificados de Calidad

Todos los accesorios de Plasson se someten a pruebas de aprobación, de conformidad con las normativas ISO14236 y AS/NZ 4129. Para ver una clasificación detallada de las presiones, consulte la página 73.

## Roscas

Todas las roscas responden a las normas ISO-7/1, BS 21, DIN 2999, NEN 3258, AS 1722 Part 1 - 1975.

Solo las roscas hembra menores a 3" no son cónicas.

Todas las otras roscas macho y hembra son cónicas.

## Bridas

Las dimensiones de las bridas responden a las normas ISO 7005-1 (TABLE 11),

BS 4504:1989 (TABLE 11), DIN 2501 (PN 16 TABLE), AS/NZS 4331.

Con todas las bridas debe ser utilizado como refuerzo una brida de metal.

## Legend

UB	Unidades por bolsa
UC	Unidades por carton
W	Peso en gramos

## Nota

Antes de la instalación asegure que:

El extremo del tubo introducido no tenga imperfecciones o rayaduras. Tanto el tubo como el accesorio no tenga sobre los mismos arena, barro o piedras, etc. No cierre el racor con extremada fuerza, nunca use llaves con manijas más largas de 46 cm. Un excesivo momento de torsión durante el cierre puede dañar el cono del racor y como resultado del mismo no permitir su propio funcionamiento. Si los accesorios son usados nuevamente después de su desarmado, constate que los dientes del casquillo de apriete permanecen afilados y se hincan en el tubo impidiendo el escape del tubo. Si no es así, cambie el casquillo de apriete.

La resistencia a tracción de accesorios de Serie 7 que combinan el uso de casquillo de apriete para tubos de UPVC / PP ha sido aprobada por medio de pruebas de presión para tubos UPVC / PP con una presión de operación de 25 bar durante al menos 1 hora.

Nota: Recomendamos utilizar cinta de PTFE para sellar todas las conexiones roscadas

# Technical Specifications

## Pressure Rating of Plasson Mechanical Fittings and Valves

Product Code	Body Type	Pressure Rating	Stainless Steel Reinforcement Ring	From Pipe Diameter	To Pipe Diameter	From Thread	To Thread	From Outlet Size	To Outlet Size
Starts with 07	All Fitting Types	16.0							
Exceptions:									
Starts with 07	All 160 mm Fittings	10.0							
Starts with 07	All Fittings with 3 inch Female Thread	10.0							
Starts with 07	All Fittings with 4 inch Female Thread	6.0							
0701070/ 0705070	Class 4 (Universal)	10.0		50	50			35	50
0704P	90° Slip Tee	12.5		40	63				
07120	Plug Adaptor	12.5		20	63				
07220	Compression Flange Adaptor	12.5		125	125				
07250	Threaded Adaptor	12.5		75	75	1.1/2	3		
07640	45° Tee	8.0		63	110				
07930	Reducing Set 110X75, 110X90	10.0							
03046/03047/03048/03049	Angle Seat Valve	8.0							
03405	Threaded Stoptap	10.0				3/4	1		
03407	Compression Stoptap	16.0		20	32				
Starts with 05	Female Thread	10.0	NO			1/2	1		
Starts with 05	Female Thread	6.0	NO			1.1/4	2		
Starts with 05	Female Thread	10.0	YES			1.1/4	2		
050207/ 050707	Threaded Reducing Bushing/Threaded Cap	6.0				1.1/4	4		
050207/ 050707	Threaded Reducing Bushing/Threaded Cap	10.0				1/2	1		
050605/ 050607	Threaded Reducing Nipple/Threaded Nipple	10.0				1/2	2		
051607	Threaded Riser	10.0				1/2	1.1/2		
051707	Threaded Plug	10.0				1/2	2		
160760	Saddle Single Outlet	12.5	YES	20	63	1/2	1.1/2		
160760	Saddle Single Outlet	12.5	YES	75	180	1/2	3/4		
160760	Saddle Single Outlet	10.0	YES	75	180	1	2		
160761	Saddle Single Outlet	16.0	YES	40	180	1	1		
160860	Saddle Single Outlet	6.0	NO	20	180	1.1/4	2		
160860	Saddle Single Outlet	10.0	NO	20	180	1/2	1		
161760	Saddle Double Outlet	12.5	YES	20	63	1/2	1.1/2		
161760	Saddle Double Outlet	12.5	YES	75	180	1/2	3/4		
161760	Saddle Double Outlet	10.0	YES	75	180	1	2		
161860	Saddle Double Outlet	6.0	NO	20	180	1.1/4	2		
161860	Saddle Double Outlet	10.0	NO	20	180	1/2	1		
16279	Saddle Single Outlet	16.0	YES	63	180	1.1/2	1.1/2		
16540	All Tappers - for PVC & PE Pipes	16.0							
16820/16830/16860	All Compression Saddles	16.0							

## Presiones Nominales (PN) de Los Accesorios y Válvulas Mecánicas/de Compresión de Plasson

Product Code	Tipo	Presión Nominal	Anillo de Refuerzo de Acero Inoxidable	Desde Diámetro	Hasta Diámetro	Desde Diámetro	Hasta Rosca	Desde Diámetro de Salida	Hasta Diámetro de Salida
Comienza con 07	Todos Los Accesorios	16.0							
Excepciones:									
Comienza con 07	Accesorios de 160 mm	10.0							
Comienza con 07	Accesorios con rosca Hembra de 3"	10.0							
Comienza con 07	Accesorios con rosca Hembra de 4"	6.0							
0701070/ 0705070	Plass 4 (Universal)	10.0		50	50			35	50
0704P	Te de 90° de Reparación	12.5		40	63				
07120	Tapón Final	12.5		20	63				
07220	Adaptador Compresión-Brida	12.5		125	125				
07250	Adaptador Compresión Rosca Macho	12.5		75	75	1.1/2	3		
07640	Te de 45°	8.0		63	110				
07930	Juego reductor 110X75, 110X90	10.0							
03046/03047/03048/03049	Válvula de Asiento Angular	8.0							
03405	Válvula de Línea Rosca Hembra	10.0				3/4	1		
03407	Válvula de Línea Compresión	16.0		20	32				
Comienza con 05	Rosca Hembra	10.0	NO			1/2	1		
Comienza con 05	Rosca Hembra	6.0	NO			1.1/4	2		
Comienza con 05	Rosca Hembra	10.0	SI			1.1/4	2		
050207/ 050707	Manguito Roscado/Tapón Rosca Hembra	6.0				1.1/4	4		
050207/ 050707	Manguito Roscado/Tapón Rosca Hembra	10.0				1/2	1		
050605/ 050607	Machón Doble Reductor/Machón Doble	10.0				1/2	2		
051607	Espiga Roscada	10.0				1/2	1.1/2		
051707	Tapón Rosca Macho	10.0				1/2	2		
160760	Collarín Simple	12.5	SI	20	63	1/2	1.1/2		
160760	Collarín Simple	12.5	SI	75	180	1/2	3/4		
160760	Collarín Simple	10.0	SI	75	180	1	2		
160761	Collarín Simple	16.0	SI	40	180	1	1		
160860	Collarín Simple	6.0	NO	20	180	1.1/4	2		
160860	Collarín Simple	10.0	NO	20	180	1/2	1		
161760	Collarín Doble	12.5	SI	20	63	1/2	1.1/2		
161760	Collarín Doble	12.5	SI	75	180	1/2	3/4		
161760	Collarín Doble	10.0	SI	75	180	1	2		
161860	Collarín Doble	6.0	NO	20	180	1.1/4	2		
161860	Collarín Doble	10.0	NO	20	180	1/2	1		
16279	Collarín Doble	16.0	SI	63	180	1.1/2	1.1/2		
16540	Todos los Collarines con Tapper para Tubos PVC y PE	16.0							
16820/16830/16860	Todos los collarines de compresión	16.0							

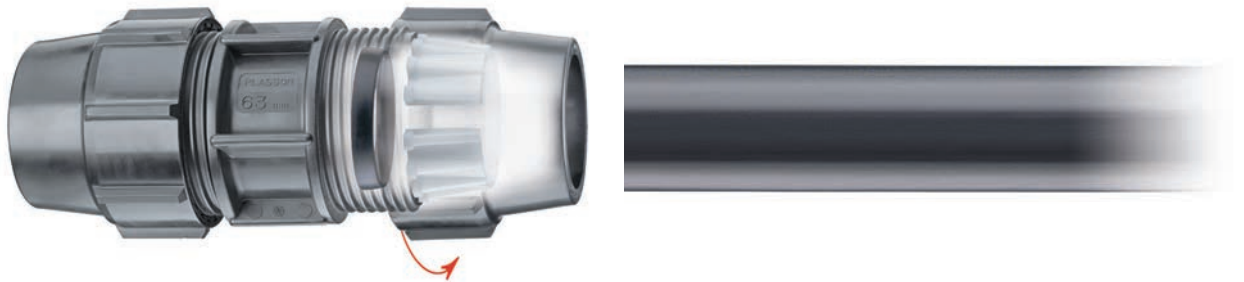
# Installation Instructions for Compression Fittings

## ASSEMBLY AS SIMPLE AS ABC...

For Fittings **16mm - 63mm** / Para accesorios de **16mm - 63mm**

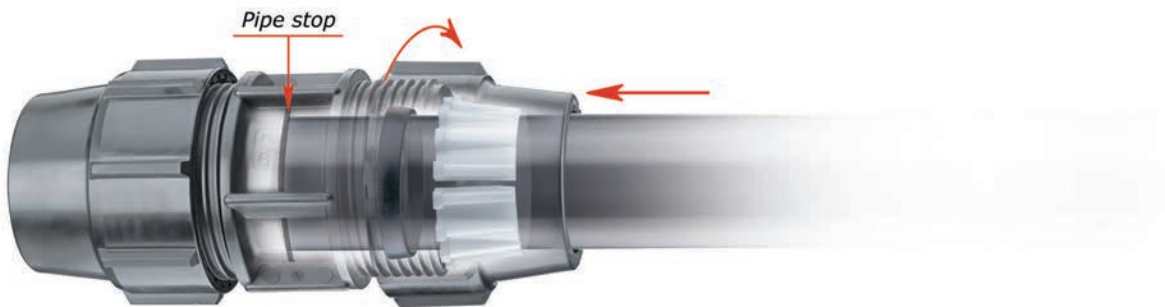
**A** Cut the pipe square, remove burrs • Undo the nut to the last thread. Leave the nut on the fitting while inserting the pipe.

Corte el tubo al tamaño requerido y realice el biselado al final del tubo • Retire el racor hasta su última rosca dejándolo en el accesorio durante el próximo paso.



**B** Twist the pipe into the fitting\* through the split ring and rubber seal to the pipe stop • Tighten the nut firmly. Use a Plasson wrench (or similar tool) for final tightening of sizes 40 and above.

Introduzca el tubo con un movimiento circular dentro del accesorio pasando el casquillo de apriete y el sello hasta llegar al tope interno del accesorio • Gire firmemente el racor en dirección del cuerpo del accesorio, utilizando la llave Plasson (o similar) en los tamaños 40mm y mayores.



**C** The nut should be closed tightly, however there is no need for the nut to actually meet the body shoulder.

Cierre el racor firmemente, aunque no es necesario cerrarlo hasta el tope.



\* Lubrication and chamfering of the pipe end will ease insertion of the pipe (use silicone lubricant).

\* A fin de facilitar la introducción es conveniente lubricar y biselar el tubo (con un lubricante que conforma las normas de aprobación de calidad del agua).

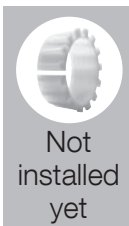


# Installation Instructions for Compression Fittings

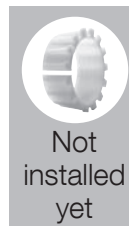
## Assembly Instructions

### For Fittings Sizes 75mm - 125mm

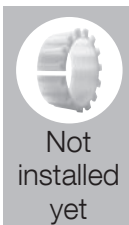
- 1** Cut the pipe, square. Remove the nut and split ring. Reposition nut, bush and o-ring on pipe 2 diameters back. Lubricate pipe and o-ring.



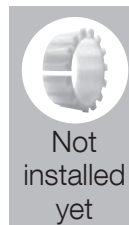
- 2** Push the pipe fully into the fitting body until stopped by the internal stop. Push the o-ring and plastic bush forward against the fitting. They will not enter the body of the fitting.



- 3** Tighten nut to push the bush and o-ring right into the fitting until the bush is flush with fitting mouth.



- 4** Fully unscrew nut and pull back along pipe.



- 5** Open split ring and place on pipe with lugs touching bush. Reuse split rings only twice, blunt rings will not bite into pipe.



- 6** Firmly tighten with Plasson C spanner. Overtightening can cause blow outs.



Do not use a wrench with handle lengths longer than standard Plasson C spanners. For 63mm: max. handle length should be 22cms. For 75–125mm: max. handle length should be 46cms.

## Installation Instructions for Pipe Adaptors Conversion Sets

### Universal Pipe Adaptors: Copper, Galvanised and Imperial U-PVC (Without Pullout Resistance)

Juegos de conversión de tubería: galvanizada, de cobre o de UPVC medidas imperiales (sin resistencia a la tracción)



**Prepare** pipe by ensuring that the end is free from grease and roughen the outer surface with wire wool or similar. Cut pipe end square. Remove nut from end of fitting and discard white split ring.



**Push** adaptor into fitting to the stop. Push and twist the pipe until it meets the internal stop.



**Screw** nut tightly towards the body of the fitting. Final tightening with a wrench is essential.

**The installation should be firmly anchored against end loading.**

**Se** prepara el tubo asegurándose que el final del tubo no tenga grasa, y se lija el exterior con lana de alambre. Se hace un corte perpendicular al final del tubo. Se lleva el racor al final del accesorio y se quita el casquillo de apriete blanco.

**Se** empuja el adaptador en el tubo hasta el tope se empuja y se enrosca el tubo hasta que llegue al tope interior del accesorio.

**Se** aprieta firmemente el racor hacia el interior del accesorio. Es imprescindible que se apriete con una llave.

**Después, anclar firmemente la instalación.**

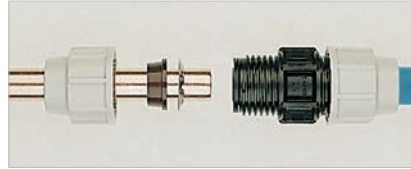
# Installation Instructions for Pipe Adaptors Conversion Sets

## Adaptor Set for Copper (With Pullout Resistance)

### Juego de adaptadores para cobre (con resistencia a traccion)



**Cut** pipe square. Remove burrs. Ensure pipe is free of scratches, dents and other imperfections. Remove nut from fitting and discard white split ring. Make a mark on the pipe to the depth of the rubber insert. Assemble nut, brown ring and stainless steel ring onto pipe in that order. Ensure the brown ring tapers towards the nut and the stainless steel ring towards the fitting body.



**Push** insert into fitting body fully up to the flange.



**Push** pipe end into body of fitting. Ensure to insert at least to the mark you have made. Push both the rings up to the insert flange and engage nut. Use a Plasson wrench for final tightening.

**Corte** el tubo a escuadra, limpie los restos del corte. Asegure que el tubo no este rayado, dentado, con virutas o con otras imperfecciones. Se lleva el racor hasta el final del accesorio y se quita el casquillo de apriete blanco. Se hace una marca en la superficie del tubo que es la profundidad del adaptador de goma. Se colocan el racor, el anillo marrón y el anillo de acero en el tubo, en este orden. Se comprueba que el anillo marrón se remata hacia la tuerca y el anillo de acero hacia el interior del accesorio.

**Introducir** el adaptador en el interior del accesorio hasta el final.

**Introducir** el tubo en el interior del accesorio. Comprobar que se introduce por lo menos hasta la marca hecha previamente. Se empujan ambos anillos hasta el adaptador de goma y se cierra firmemente el racor. Para apretar firmemente se debe utilizar la llave Plasson.

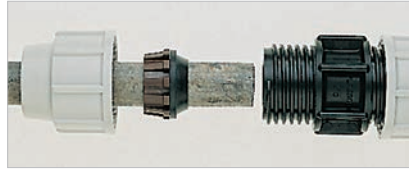
# Installation Instructions for Pipe Adaptors Conversion Sets

## Lead Pipe Adaptor

### Adaptadores para tuberías de plomo



**Remove** nut from fitting and discard white split ring. Mount nut on pipe followed by brown split ring and seal ring.



**Push** both components onto the pipe until the seal ring is 20mm from the end of pipe and touching the split ring.



**Enter** pipe into fitting body and tighten firmly with a wrench. (It is important that the pipe is not pushed fully to the stop in the fitting).

**Note for lead pipe adaptors:** This product seals on the outside diameter of the pipe and it is therefore important that the lead pipe is in good condition on the external part of the pipe where the seal is made. Variation in the lead piping sometimes results in oversized pipes. In these circumstances it may be preferable to use the white split ring provided with the fitting.

**Se** lleva el racor al final del accesorio y se quita el casquillo de apriete blanco. Se monta el racor al tubo seguido por el casquillo marrón y el anillo de goma.

**Se** empujan los dos componentes hasta que el anillo de goma esté a 20mm del final del tubo, y tocando el casquillo de apriete marrón.

**Se** introduce el tubo en el interior del accesorio y se aprieta firmemente con una llave (es importante que no se empuje el racor completamente hasta el final del accesorio).

**Nota:** El sellado con este producto se realiza con el diámetro exterior del tubo, y por lo tanto es importante que el exterior de la tubería de plomo esté en buen estado. Los variaciones en la tubería de plomo resultan a veces demasiado grandes. En estas circunstancias es preferible usar el casquillo de apriete que está previsto con el accesorio.

## Installation Instructions for PLASS4 (Universal) Fittings

### Instrucciones para la instalacion de accesorios plass4



**Cut** the pipe square and remove all burrs and sharp edges.

- Select correct fitting according to the external diameter of the pipe.
- Slide the PLASS4 fitting (universal side) onto the pipe, until it reaches the internal fins and a slight resistance is felt. Do not force the pipe end past the fins.
- Holding the PLASS4 body with a wrench, tighten the PLASS4 universal nut firmly with a wrench (size 35-50 tighten nut very firmly to approx. 90 NM)
- Assemble the metric PE joint as per the standard fitting instructions.

**Note:** If reusing the fitting, ensure the metal teeth are located in the grip ring and pipe end does not pass the location fins in the body.

**Corte** el tubo a escuadra y elimine todas las virutas y cantos vivos.

- Elija el accesorio apropiado de acuerdo con el diámetro del tubo.
- Introduzca el accesorio PLASS4 (del lado Universal) en el tubo hasta que llegue al tope s sienta una ligera resistencia.
- No fuerce el tubo y no pase las aletas. Agarrando el cuerpo del PLASS4 con una llave apropiada, cierre firmamente el raccor con una llave (en las medidas 35-50 su raccor puede ser cerrado con un momento de 90 Nm). Arme la union de PE como en las instrucciones de los accesorios normales.

**IMPORTANTE:** no fuerce el tubo y pase el punto de resistencia. Puede danar el el accesorio.

Comience apretar la tuerca al cuerpo. el cierre final hagalo con una llave plasson o similar. Ensamble la junta metrica como las instrucciones de un accesorio estandard.

## Installation Instructions for Copper Pipe Adaptor

### Instrucciones para la instalacion de adaptor tubo de cobre



**Cut** the copper pipe square and remove all burrs and sharp edges.

Twist the copper pipe into the fitting\* through the rubber o-ring to the pipe stop.

Tighten the nut firmly. Use a wrench for final tightening. The nut should be closed tightly, however there is no need for the nut to actually meet the body shoulder.

Assemble the metric PE joint as per the standard fitting instructions.

\* Lubrication of the pipe end will ease the insertion (use silicone lubricant).

Note: If reused, the metal grip ring must be replaced with a new one.

**Corte** el tubo a escuadra y elimine todas las virutas y cantos vivos.

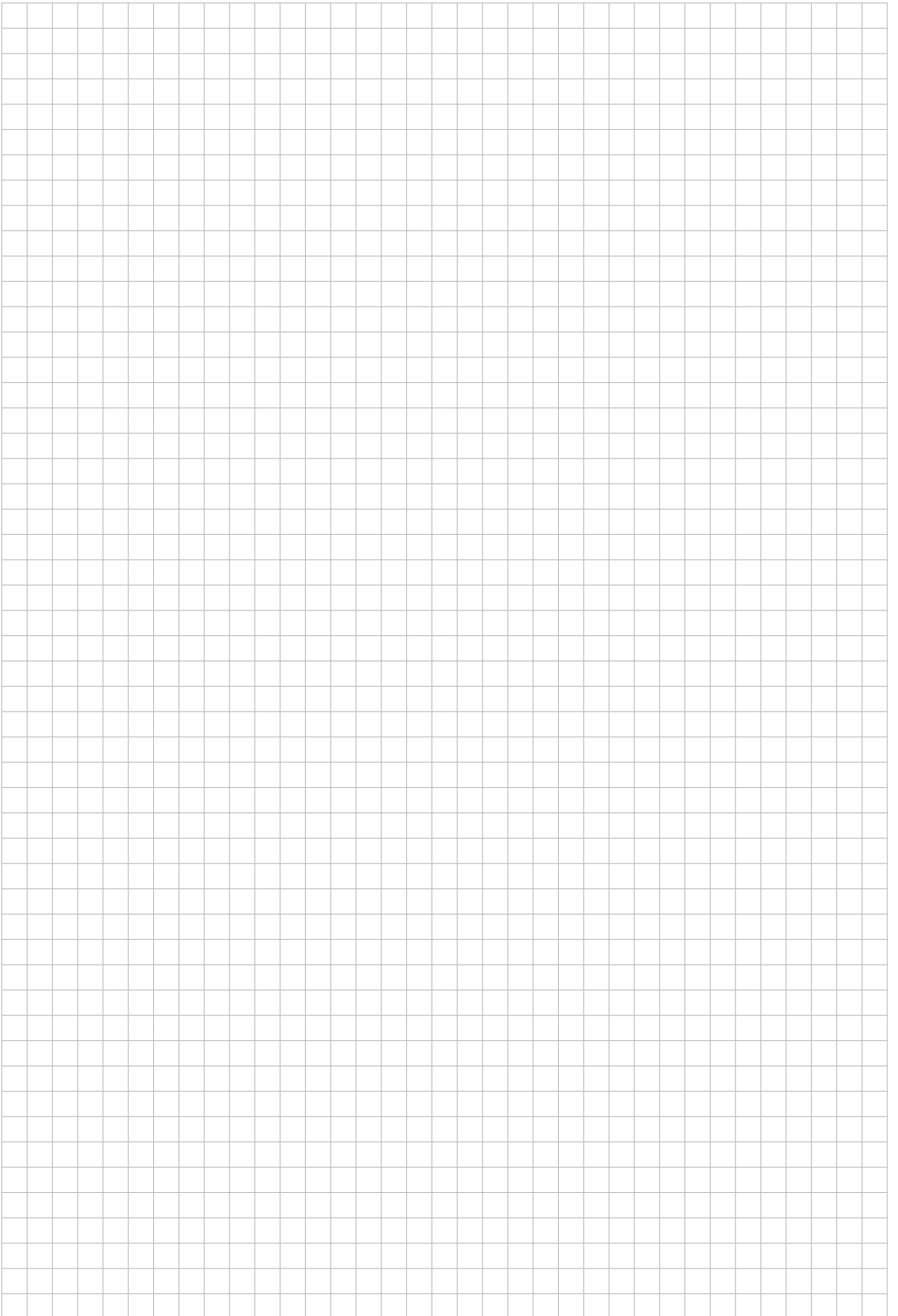
Introduzca girando\* el tubo de cobre junto con el o-ring hasta el tope.

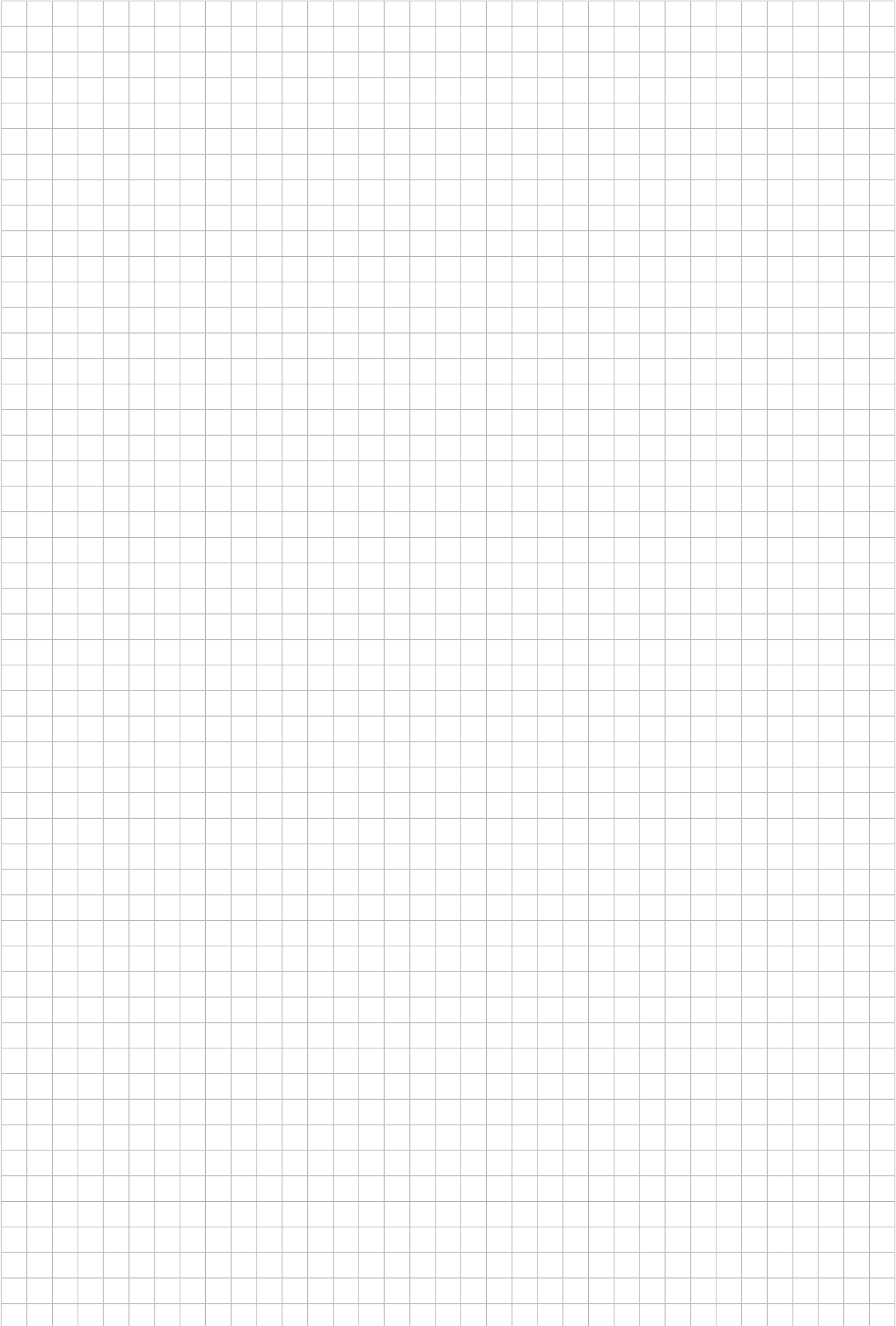
Apriete la tuerca firmemente. use una llave para el apriete final. La tuerca debe estar apretada herméticamente. Sin embargo no es necesario que llegue hasta el borde del cuerpo.

Ensamble la junta metrica pe como un accesorio estandard.

\* Para facilitar la introduccion utilice un lubricante a base de silicona.

**NOTA:** Si quiere reusar el accesorio debe reemplazar el agarre de metal por uno nuevo.





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